



ISSUE NO 9 | 2021



Dates to Diarise in Term 3

- **University / TAFE Open Days 2021** – throughout August
- **VTAC SEAS and Scholarship applications** – throughout August and September
- **University / TAFE Open Days 2021** – throughout August
- **Year 12 VTAC timely applications** – throughout August and September
- **VTAC SEAS and Scholarship applications** – throughout August and September

COMING UP

- Bond University Open Day – Experiences 2021
- RMIT Next Fest
- Career as an Air Traffic Controller
- New Bachelor of Animation and Visual Effects at VU
- News from Monash University
- Computer Science Degrees in Victoria in 2021
- Information Technology Degrees in Victoria in 2021
- Snapshot of Monash University in 2021
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- Biomedicine/Biomedical Science Degrees in Victoria in 2021
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- Snapshot of Kangan Institute in 2021



Bond University – Open Day Experiences 2021

In 2021, Bond University will be bringing students a full line-up of Open Day experiences. From an exciting virtual broadcast to an on-campus extravaganza, students can get to know Bond University whichever way you choose.

Save the date for Bond's Open Day experiences:

Open Day Live broadcast: Saturday, 24 July

Open Day on-campus experience: Saturday, 7 August

Find out more at [Open Day Experiences](#)



RMIT Next Fest

RMIT Next Fest is a month-long festival of virtual and face-to-face events for students to discover a taste of what studying at RMIT is truly like. Students will connect with academics, current students, and future employers, explore RMIT's cutting-edge facilities, and immerse themselves in student life experiences on campus.

Next Fest Experience dates are:

- **Digital Experience:** 1 - 31 August
- **Physical Experience:**
 - Bundoora campus, Sunday 1 August, 10.00am – 4.00pm
 - City campus, Sunday 8 August, 9.30am – 4.30pm
 - Brunswick campus, Sunday 8 August, 10.00am – 4.00pm
 - Bendigo Flight Training, Sunday 15 August, 10.00am – 3.00pm
 - Point Cook Flight Training, Sunday 22 August, 10.00am – 3.00pm

Students can [register](#) to unlock what's next this Open Day.



Career as an Air Traffic Controller

The **Good Universities Guide** states that *air traffic controllers manage the safe and orderly flow of aircraft into, out of and between airports in Australia and with overseas regions adjoining Australian airspace.*

Air traffic controllers may perform the following tasks:

- maintain radio contact with pilots to keep aircraft separated in 'corridors' of controlled airspace, on air routes and near major airports.

- make sure that aircraft operate only on pre-arranged routes and altitudes.
- use radar to monitor and control aircraft movements.
- provide information and assistance to pilots and emergency services during in-flight emergencies.

Air traffic controllers must –

- be able to make quick and accurate decisions.
- have an aptitude for working with computers.
- be confident, highly responsible, self-motivated, and independent, but also be able to work in a team.

To become an air traffic controller, students should gain their Year 12 with passes in English, mathematics, and a science subject (preferably physics).

To find out more regarding the various ways of becoming an air traffic controller, visit [The Good Universities Guide - Career as an Air Traffic Controller](#).



New Bachelor of Animation and Visual Effects at VU

Students interested in *2D & 3D animation, screen culture, film and media production*, might like to consider VU's new **Bachelor of Animation and Visual Effects** which will prepare them with the skills required to succeed as a critically-informed media professional.

According to [Job Outlook](#), careers in Illustration and Animation is expected to grow strongly across the next 5 years, with 72% of people working in the field employed full-time. VU's unique course structure allows for collaboration with Screen and Media bachelor students, providing real-work environments on various productions, including client projects. These collaborations are reflective of industry practice and along with placements, prepare graduates for work, giving them greater opportunity for employment within the media industry, both in Australia and internationally.

[Read more](#) about the course structure and admission criteria on the VU website.



News from Monash University

➤ **Engineering Accelerated Pathway**

High achieving students interested in Engineering are encouraged to explore the **masters accelerated pathway**, which will enable them to gain both the Bachelor of Engineering (Honours) and the *new* Master of Engineering in just five years. Students begin studying master's subjects in the fourth year, hence the acceleration. The masters will extend students' technical and industry knowledge, and hone leadership and complex problem-solving skills. There are also generous scholarships available.

Find out more at [Engineering Accelerated Pathway](#)

➤ **Bachelor of Business Administration (BBA)**

Discover the BBA at Monash Peninsula campus. Small classes and a focus on practical skills developed through industry projects and internships will help students build a

toolbox of employability skills. BBA students can also engage in a variety of clubs and activities within a close-knit community environment.

Students get to develop strong business knowledge, while also building their expertise from day one in one or more of the following business disciplines which are offered as majors, extended majors, and minors.

- [Accountancy](#)
- [Business administration studies](#)
- [Economics and business decisions](#)
- [Finance and economics](#)
- [Management practice](#)
- [Marketing and communications](#)

Find out more at [Bachelor of Business Administration \(BBA\)](#)

➤ **The Monash Criminology Difference**

Further to information provided in an earlier newsletter, Monash is the only Victorian university awarded a five (world-leading) in the last Research Excellence exercise for criminology. Connected to three major research centres, the ***Bachelor of Criminology*** brings cutting edge knowledge and debates into the classroom and provides an outstanding framework of industry connections and involvement, paving the way for graduates ready to take on the next major challenges in Australia and abroad.

Find out more about this degree at [Bachelor of Criminology](#)

➤ **Health and Physical Education at Monash**

Are you interested in a career in ***physical education***? In the Bachelor of Education (Honours) offered at Monash, students can choose to qualify as specialist health and PE teacher at both primary and secondary school levels. Alternatively, they can focus on secondary education and select a third teaching area.

For those who miss out on due to their ATAR, might like to consider the [Diploma of Tertiary Studies](#), which offers an excellent pathway to the bachelor.

Browse [Health and Physical Education](#) to find out more.

➤ **Resources on Arts, Humanities and Social Sciences**

Below are links to ten great resources on all things arts, humanities, and social sciences.

1. [Arts courses](#)
2. [Arts pathways](#)
3. [What can I do with an arts degree?](#)
4. [Arts abroad](#)
5. [Arts Work Integrated Learning](#)
6. [Arts bachelor's/master's program](#)
7. [Arts 2021 brochure](#)
8. [Sir Zelman Cowen School of Music & Performance](#)
9. [Arts YouTube](#)
10. [Arts Student Life](#)



Computer Science Degrees in Victoria in 2021

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](#).**

INSTITUTION	VCE PREREQUISITES	MAJOR STUDIES IN 2021
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. 2021 ATAR: 63.65 (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. 2021 ATAR: 61.85 (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 CI – Clayton Campus	Units 3 and 4: a study score of at least 27 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. 2021 ATAR: 84.20 (CI)	Algorithms and data structures, Computational science, Computer graphics, Computer programming, Computer science, Computing, Data science, Databases, 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. 2021 ATAR: 80.05 (C)	Algorithms and data structures, Artificial intelligence, Big Data, Cloud computing, Computer and network security, Databases, Enterprise systems, Internet, Networks and data communications, Operating systems, Problem solving, Programming, Programming (.NET), Programming (C++), Programming (Java), Security, Software engineering, User-centred design.
SWINBURNE H – Hawthorn Campus ** Professional degree	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 1 to 4: satisfactory completion in two units (any study combination) of any Mathematics. 2021 ATAR: 60.75 (H) 2021 ATAR: 71.10 (H) **	Cybersecurity, Data science, Games development, Internet of Things, Network design, Software design, Software development.



Information Technology Degrees in Victoria in 2021

Several Victorian universities offer a broad range of **Information Technology** bachelor 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.**

INSTITUTION	VCE PREREQUISITES 2021	MAJOR STUDIES IN 2021
CQU	Units 3 and 4: a study score of at least 25 in any English. 2021 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. 2021 ATAR: 60.30 (M) 60.15 (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, 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. 2021 ATAR: 56.50 (Be), n/a (Gi), n/a (Ba)	Big Data & Analytics, Business Information Systems, Cloud & Enterprise Computing, Games Development, Mobile App Development, Networking and Security, Software Development.
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. 2021 ATAR: 55.25 (M) n/a (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 27 in English (EAL)	Business information systems, Computer networks and security, Computer programming, Computer science (minor), Computing, Cybersecurity (minor), Data science (minor), Games design (minor), Games development, IT for business (minor), Information management, Information technology, Interactive media, Mobile apps

	or at least 25 in English other than EAL. 2021 ATAR: 80.30 (C1)	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. 2021 ATAR: 65.05 (C)	Agile software development & Dev Ops, Business IT, Data networks, Database administration, Databases, Graphics, Information technology, Internet technology, Mobile programming, Networks and data communications, Object-oriented modelling, Object-oriented programming, Problem solving, Professional practice, Programming, Programming (.Net, Java, PHP, Python), Project Management, 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). 2021 ATAR: 56.10 (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. 2021 ATAR: n/a (FP)	Network and system computing, Web and mobile application development.



Snapshot of Monash University in 2021

- Named after engineer, military leader and public administrator Sir John Monash, Monash University was established in 1958.
- Monash University became a founding member of the Group of Eight universities in 1999.
- Monash ranks in the top 1% of world university rankings, and consistently ranks in the world's top 100 universities - [Rankings](#)
- Monash has over 77,000 students, with campuses in [Malaysia](#), [China](#), [India](#), [Italy](#), besides its five campuses in Australia - [locations](#)
- Monash University is the only Victorian university to offer a Direct Entry medical program for students completing year 12 as well as a Graduate Entry program leading to the same degree – [Bachelor of Medical Science and Doctor of Medicine \(MD\)](#)
- There are ten [Monash Faculties](#) offering hundreds of [courses](#), be they single or double undergraduate degrees, or graduate qualifications up to a PhD
- Monash has a number of student-run clubs and associations - a great way to get involved and meet people - [Monash Clubs and Associations](#)
- [Career Connect](#) is the Career Centre available to all Monash students. Students can access the many services offered – be it for volunteering, part-time jobs, assistance with applying for work on graduation, etc.

- The Monash [Study Abroad](#) program assists students in studying overseas as part of their course. Monash has exchange agreements with more than [160 universities across 35 countries](#).
- Monash offers more than 200 different scholarships for new and current students, from course fee subsidies to travel allowances, and payments for accommodation costs - [Scholarships](#)
- [The Monash Guarantee](#) is an alternative entry scheme for students to get into a Monash course even they do not reach the course's clearly-in ATAR. Students may be eligible for the Monash Guarantee if they:
 - ✓ have experienced financial disadvantage
 - ✓ live in a low socio-economic area
 - ✓ are an Indigenous Australian
 - ✓ attend a Monash under-represented school
- [Monash Residential Services](#) assists students in finding accommodation on campus, and off campus
- New in 2021 has been the introduction of bachelor degrees in **Applied Data Science, Politics, Philosophy and Economics (PPE)**, and the **Pharmaceutical Science Advanced Scholars Program**



New Business Degrees at RMIT University

RMIT is offering two new degrees to domestic students in 2022. They are –

- **[Bachelor of Business](#)**

With the new Bachelor of Business, you won't have to deal with traditional lectures or exams, instead you will focus on industry projects and real-world learning. To support your future in business, we have created an extensive range of career focused areas of study (Majors and Minors) allowing you to customise your degree and gain an edge.*

**Please note: if completing the Accounting/Professional Accounting Major, you will be required to sit an exam for accreditation purposes.*

The new business degree provides flexibility. Students start their business education journey with four foundation subjects that will introduce them to the key issues currently facing industry, and supplement these with their choice of disciplinary and cross-disciplinary study. Students get to choose one or two **majors** out of a range of 15; and compliment this with a choice of 35 **minors**. Students can browse [Understanding your Majors](#) to learn more about these offerings.

The VCE prerequisite for entry is Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.

- **Bachelor of Business Professional Practice**

The new **Bachelor of Business Professional Practice** gives students access to all of the options in the (3-year) Bachelor of Business with the added benefit of a dedicated minor (in Study and Work) and professional experiences with industry partners, research centres, start-up support networks and/or the not-for-profit sector, depending on their choices. Students will start their professional experience with RMIT's award-winning virtual internship, which includes direct industry contacts and students solving industry challenges as consultants. Students will then have the option to choose a range of professional experiences alongside their major/minor studies as they explore their own experiential learning journey.

As with the Bachelor of Business, students get to choose one or two **majors** out of a range of 15; and compliment this with a choice of 35 **minors**. Students can browse [Understanding your Majors](#) to learn more about these offerings.



What is a Barrister?

A barrister is a lawyer with specialist skills in representing clients in court or in a negotiation and advising on court processes. Many barristers are specialists in particular areas of law, such as criminal law, corporations' law, property law or personal injury.

Any lawyer can become a barrister. *Becoming a barrister is about your skills and abilities, not what school you went to or what ATAR you got. The Bar has diverse membership from many ethnic backgrounds. You can come to the Bar at any age – the youngest barristers are in their 20s and the oldest are in their 80s. The Bar is short for the Victorian Bar which is the professional association representing over 2000 barristers in Victoria.*

So, how are barristers and solicitors different? Barristers and solicitors are types of lawyers. Solicitors are generally the first lawyer that a client will see to explain their legal problem. Not all legal issues end up in court – for example, drafting a contract or a Will, or looking after buying and selling a house – so not all legal issues require the expertise of a barrister. **Find out more about becoming a barrister at [Vic Bar - Student Engagement](#)**



Key Dates for Tertiary Applications for 2022 Entry

Year 12 students are reminded of the key application dates for all states:

State	Tertiary Admission Centre	Website	Application Opening Date	Timely Application Closing Date
Victoria	VTAC	www.vtac.edu.au	2 August 2021	30 September 2021
Queensland	QTAC	www.qtac.edu.au	3 August 2021	Varied
South Australia	SATAC	www.satac.edu.au	2 August 2021	30 September 2021
Western Australia	TISC	www.tisc.edu.au	Open	30 September 2021
NSW & ACT	UAC	www.uac.edu.au	Early August	30 September 2021
Northern Territory	SATAC	www.satac.edu.au	2 August 2021	30 September 2021
Tasmania	Direct	www.utas.edu.au	Open	30 September 2021

Nexus Program

A revolutionary path into secondary teaching - the Nexus Program provides a first of its kind pathway into secondary teaching. Nexus students will be supported by the Federal Government's [High Achieving Teachers Program](#). This means successful participants **will receive a small part-time salary while studying**, as well as access to mentoring and professional development.

What are the benefits of Nexus?

Nexus aims to recruit, prepare, graduate, and assist in the employment of teachers in low socioeconomic schools in urban, regional, and rural Victoria. Nexus students will receive all the benefits of the [Master of Teaching \(Secondary\)](#) plus:

- payment at teacher aide rates as they become a fully qualified secondary teacher
- placement in a low socioeconomic secondary school in regional or metropolitan Victoria throughout their degree
- extra opportunities for professional development in social justice areas
- employment support at graduation and for two years as a beginning teacher
- a blend of block study during intensives and highly mentored external study
- Nexus students will spend more time with lecturers, teachers and local communities
- all Nexus places are Commonwealth supported

Current VCE students considering a career in secondary education are highly recommended to learn more about this excellent opportunity - [La Trobe Nexus Program](#)



What is VET in the VCE?

VET stands for *Vocational Education and Training*, and vocation refers to work or employment. **VET in the VCE** programs are designed to give students an exposure to practical skills and an understanding of what it is like to 'learn through doing'. So, students can opt to do a VET subject while completing their VCE and, in most cases, the VET qualification contributes towards the VCE and the ATAR.

Visit [Get VET in the VCE](#).



CASPer Entry Requirements for Teacher Qualifications

CASPer is an online test designed to assess an applicant's personal and professional attributes. **CASPer** is a requirement of applying to many initial teaching training courses in Victoria - [CASPer](#)

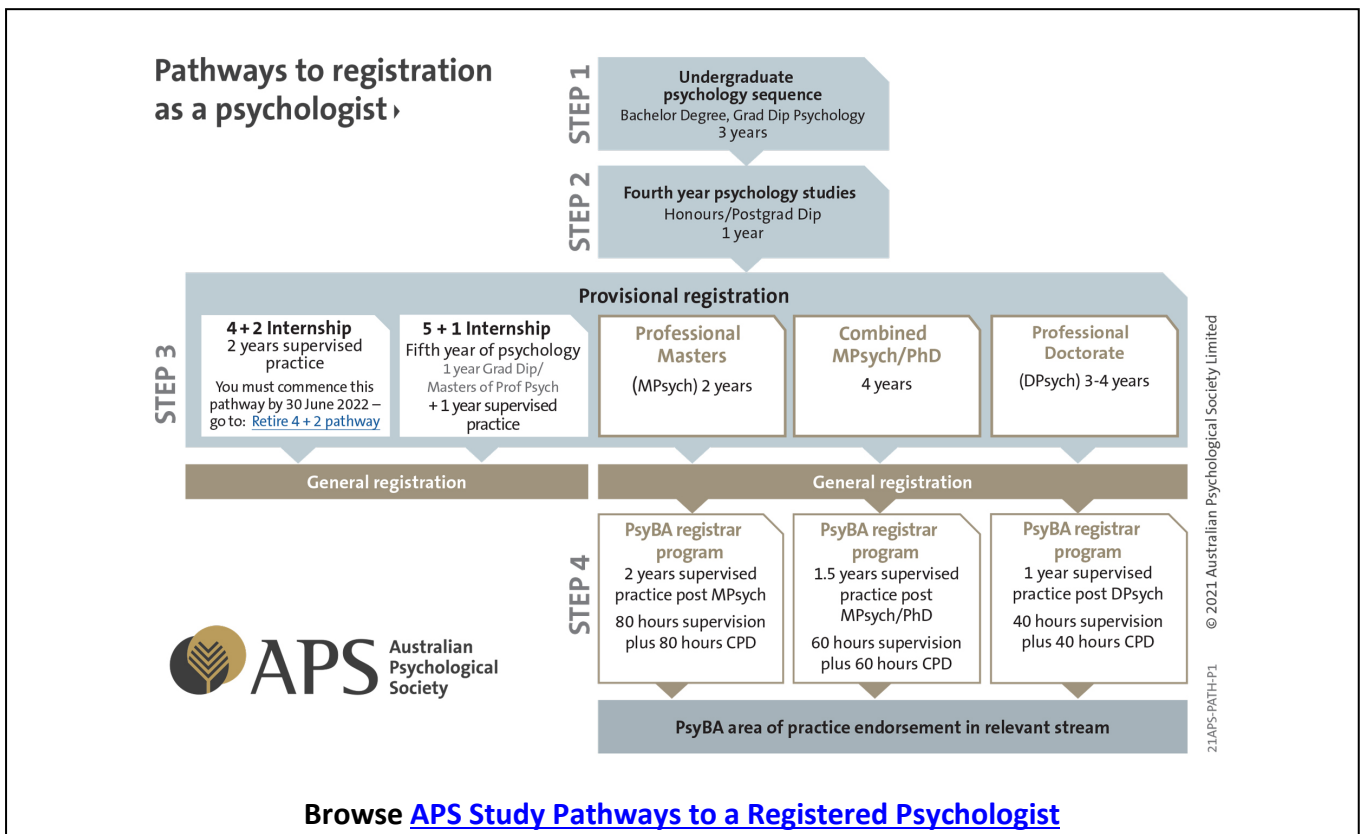
Most universities offering undergraduate teaching courses will be requiring students sit the **CASPer** online test as part of the selection into teaching degrees in 2022. Students are encouraged to browse [VTAC](#) and learn which courses will require the **CASPer** for selection. Students might also like to browse [CASPer – how it works](#) and have a look at some [sample scenarios](#) too.

Upcoming Inside Monash Seminar Series

Numerous webinars have already taken place this year, but there are a few more scheduled over the coming weeks.

Find out more and register for one or more of these webinars, and to listen to recordings of previous webinars [here](#).

Where can a Monash Science Degree take me?	Wednesday 11 August, 6.30pm – 8.00pm
Engineer your Future	Thursday 26 August, 6.30pm – 8.00pm
Fine Arts Folio Preparation, Talk to Design & Architecture	Wednesday 7 September, 6.30pm – 7.30pm
Arts degrees and the Bachelor's/Master's Program	Tuesday 5 October, 6.30pm – 8.00pm
Monash Science Experience	Wednesday 6 October, 6.00pm – 7.00pm





Biomedicine/Biomedical Science Degrees in Victoria in 2021

A Biomedicine or Biomedical Science degree is offered at a number of universities and is often regarded as an excellent pathway degree to graduate medical careers.

Visit [VTAC](https://www.vtac.edu.au) for more information on these and other courses – including double-degrees.

INSTITUTION	COURSE NAME	VCE PREREQUISITES	MAJOR STUDIES IN 2021
ACU M - Melbourne	Biomedical Science ATAR: 58.65 (M)	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 any Mathematics.	Biomedical Science, Physiological Pharmacology.
DEAKIN M – Melbourne G – Waurn Ponds	Biomedical Science ATAR: 80.15 (M) 72.40 (G)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Anatomy, Biochemistry, Bioinformatics, Biology, Biomedical science, Bioscience, Cell biology, Environmental health, Genetics, Human biology, Immunology, Infection and immunology, Medical biotechnology, Medical genomics, Medical microbiology, Medical research, Medical science, Microbiology, Molecular and cell biology, Molecular and human genetics, Molecular biology, Molecular life sciences, Pathophysiology, Pharmaceutical Science, Physiology.
FEDERATION B – Berwick Gi – Gippsland Ba - Ballarat	Biomedical Science ATAR: 50.60 (B) n/a (Gi) 63.90 (Ba)	Units 3 and 4: a study score of at least 20 in any Mathematics or at least 20 in any Science; Units 3 and 4: a study score of at least 20 in any English.	Anatomy and Physiology, Biochemistry, Biology, Chemistry, Genetic Sciences, Health sciences, Medical microbiology, Medical science, Microbiology, Pathophysiology, Pharmacology, Public health, Statistics.
LA TROBE M – Melbourne AW – Albury Wodonga B - Bendigo	Biomedical Science ATAR: 66.20 (AW) 61.45 (B)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Biochemistry, Biomedical Science, Biosciences, Cell and molecular biology, Chemistry, Health, Medical science, Pharmacology.
	Biomedicine ATAR: 65.00 (M)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Biochemistry, Biomedical Science, Biomedicine, Biosciences, Cell and molecular biology, Chemistry, Health, Human Physiology, Medical science.

MONASH C - Clayton	Biomedical Science ATAR: 90.00 (C)	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in Chemistry; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods, Maths: Specialist Mathematics or Physics.	Anatomy and physiology, Biochemistry, Biomedical science, Biomedicine, Genetics, Health sciences, Human biology, Human sciences, Microbiology, Molecular and cell biology, Neurobiology, Pathology, Pathophysiology.
RMIT B - Bundoora	Biomedical Science ATAR: 70.10 (B)	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 Chemistry; Units 3 and 4: a study score of at least 20 in one of any Mathematics or Physics.	Anatomy, Biochemistry, Biomedical science, Biotechnology, Cell biology, Cell physiology, Human physiology, Medical science, Microbiology, Molecular medicine and biotechnology, Neurobiology, Pathology, Pharmacology.
UNI MELBOURNE P - Parkville	Biomedicine ATAR: 92.00 (P)	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 Chemistry; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	Biochemistry and molecular biology, Bioengineering systems, Biotechnology, Cell and developmental biology, Genetics, Human nutrition, Human structure and function, Immunology, Infection and immunity, Microbiology, Neuroscience, Pathology, Pharmacology, Physiology, Psychology.
VICTORIA F – Footscray St. A – St. Albans	Biomedical Science ATAR: n/a (St. A)	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 Biology, Chemistry, Health And Human Development, any Mathematics or Physical Education.	Human Physiology, Molecular Cell Biology.
	Biomedicine ATAR: 92.15 (F) n/a (St. A)	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 two of Biology, Chemistry, any Mathematics or Physics.	Biomedicine.



Electrical Engineering Degrees in Victoria in 2021

Electrical engineers design, develop and supervise the manufacture, installation, operation and maintenance of electrical systems. They work on systems for the generation, distribution, utilisation and control of electric power. They also work on electronic systems used for computing, communications and other industrial applications. (Good Universities Guide)

Electrical Engineering involves the design and study of electronics, power, and electrical systems. Electrical Engineering deals with the problems associated with large-scale electrical systems such as power transmission and motor control.

Read more at [Good Universities Guide](#)

[- Electrical Engineer](#)

Electrical engineering degrees are offered at several Victorian universities, and students are encouraged to browse [VTAC](#) for a comprehensive list of courses -

INSTITUTION	VCE PREREQUISITE SUBJECTS	ATAR 2021
Deakin University G – Geelong Waurn Ponds 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.	71.35 (G) n/a (M)
Federation University B – Ballarat Campus	Units 3 and 4: a study score of at least 20 in Maths: Mathematical Methods or at least 20 in Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 20 in any English.	n/a (B)
Monash University Cl – Clayton Campus	Units 3 and 4: a study score of at least 27 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; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics.	87.05 (Cl)
RMIT University Electrical	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 one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	80.50 (C)
Electrical & Electronic Engineering (Honours)	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 one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	80.10 (C)
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 20 in any Mathematics.	78.05 (C)
Swinburne University Engineering	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 one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	72.40 (H)

Engineering (Professional) H – Hawthorn 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 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	76.35 (H)
Victoria University F – Footscray 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 any Mathematics.	n/a (F)



Snapshot of Kangan Institute in 2021

- With more than 30,000 enrolments each year, Kangan Institute is a major training provider for the *automotive, health and nursing sectors and indigenous education*
- Kangan has a strong presence in a range of industries such as *fashion, business* as well as *justice and legal*
- Kangan has five [campuses](#) which offer a wide range of courses in a variety of fields, ranging from certificates to diplomas
- Kangan has over 700 [courses](#) on offer which include [apprenticeships](#) and [short courses](#)
- Kangan offers fashion courses including Applied Fashion Design and Merchandising and Millinery
- The [Textile and Fashion Hub](#) at Kangan Institute offers sampling & short run manufacturing services, industry relevant training courses for designers and small businesses as well as customised industry training for manufacturers, and a series of exciting short courses
- Kangan offers [Justice Studies](#) courses, as well as a Certificate IV in [Legal Services](#) course
- Students studying at Kangan Institute will undertake their training in some of the most state-of-the-art training centres in Victoria.
 - ✓ [Automotive Centre of Excellence](#)
 - ✓ [Centre of Fashion and Creative Industries](#)
 - ✓ [Indigenous Education Centre](#)
 - ✓ [Health and Nursing Centre](#)
 - ✓ [Richards Restaurant](#)
 - ✓ [Textile and Fashion Hub](#)
- Kangan Institute has also partnered with leading universities in Australia to give students [guaranteed pathway options to higher education](#). The university pathways partners include:
 - [Australian College of Applied Psychology](#)
 - [Charles Sturt University](#)
 - [Deakin University](#)
 - [Federation University](#)
 - [Flinders University](#)
 - [La Trobe University](#)
 - [Central Queensland University](#)
 - [RMIT](#)
 - [Swinburne University of Technology](#)
 - [Victoria University](#)



Kangan participates in the [Free TAFE and Job Trainer](#) course program.