

Dates to Diarise in Term 3

- **University / TAFE Open Days 2016** – throughout August, calendar at end of Career News)
- **Year 12 VTAC applications** – throughout August and September
- **SpotJobs Careers Expo-** Friday 26 – Sunday 28 August 2016

Key Dates for Tertiary Applications for 2017 Entry

Year 12 students are reminded that applications to university usually commence in term 3. Some important key dates are listed below:

State	Tertiary Admission Centre	Website	Application Opening Date	Application Closing Date
Victoria	VTAC	www.vtac.edu.au	1 August 2016	29 September 2016
Queensland	QTAC	www.qtac.edu.au	2 August 2016	30 September 2016
South Australia	SATAC	www.satac.edu.au	1 August 2016	30 September 2016
Western Australia	TISC	www.tisc.edu.au	8 August 2016	30 September 2016
NSW & ACT	UAC	www.uac.edu.au	3 August 2016	30 September 2016
Northern Territory	SATAC	www.satac.edu.au	1 August 2016	30 September 2016
Tasmania	Direct	www.utas.edu.au	Early August 2016	30 September 2016



VTACmag 2017

Year 12 students should note that all information regarding applying for tertiary study in 2017 will be available on the **VTAC** website at www.vtac.edu.au and some information will be published in the **VTACmag**, which will be available from newsagents in late July with a recommended retail price of \$7.95. There will be a few reference copies in the Career Centre. The **VTACmag** will contain practical information about the VTAC process and preparing for study, in an engaging, friendly format suitable for Year 12 students considering tertiary study. Information will be clearly explained including feature articles of interest, such as interviews with prominent Victorians who complete Year 12 and further study in Victoria and a mentoring section where VTAC matches students with professionals.



MONASH University

News from Monash University

➤ **Business Open House**

Experience Monash's city location in the heart of Melbourne. Relax in the outdoor garden area surrounded by the vibrant CBD, participate in interactive sessions in our exciting contemporary classrooms and find out about studying business at Monash Business School from current students and staff. Learn more about the **Bachelor of International Business**

taught at the city location and a wide range of undergraduate and graduate business courses offered at the other campuses including the Monash MBA program. Refreshments will be available throughout the day.

Date: Sunday 14 August 2016
Time: 11.00am – 3.00pm
Venue: Level 7, 271 Collins Street in the city

Find out more at [Business Open House](#)

➤ **New Pathways to Law**

*There is more than one way to become a Monash law student. The new law pathways are designed for students who have the talent and determination to succeed in the Bachelor of Laws but just miss out on the clearly-in ATAR. The new **Law Pathway courses** allow students to study law units from day one so that they can try law before committing to the full degree.*

So, how does it work? Students enrol in one of the following courses:

- Bachelor of Arts (Law Pathway)
- Bachelor of Commerce (Law Pathway)
- Bachelor of Science (Law Pathway)

In the first year, students will study four first-year law units along with four Arts, Commerce or Science units. At end of the year, if they pass all 8 units (48 credit points) with a credit (60%) average in all four Law units and a credit (60%) average overall, students will be guaranteed a place in:

The second year of the relevant double degree course:

- Bachelor of Laws (Honours)/Bachelor of Arts
- Bachelor of Laws (Honours)/Bachelor of Commerce
- Bachelor of Laws (Honours)/Bachelor of Science

OR

The second year of the Bachelor of Laws (Honours) single degree

Find out more at [New Pathways to Law](#)

➤ **The Monash Guarantee**

The Monash Guarantee can get students into a Monash course even if they don't reach the course's clearly-in ATAR.

To be eligible for the Monash Guarantee students must:

- attend a Monash under- represented school
- have experienced financial disadvantage
- be an Indigenous Australian

Every Monash course has a **Monash Guarantee** ATAR, and the Monash Guarantee ATAR is lower than the expected clearly-in for that course. For most courses, if students meet the criteria, achieve the Monash Guarantee ATAR and complete all course prerequisites, they will be eligible for a place at Monash. Find out more at [The Monash Guarantee](#)

➤ **Why Study Science at Monash?**

The Faculty of Science lists 10 reasons as to why a student should consider science at Monash:

1. The science degree is flexible – students can study subjects across the scientific spectrum and even take units from other faculties such as Arts.
2. The faculty has a small student-to-staff ratio meaning that they can focus on students as individuals and give them proper support.
3. There is plenty of hands-on lab hours – it is not simply a theory course
4. Students learn from academics who are pioneering international research in their scientific disciplines.
5. 25 of the units offered by the science faculty take students from the classroom out into the field – to places as far flung as Heron Island, Borneo, and the Cinque Terre in Italy.
6. The faculty's approach to teaching is unique. For example, students who study geology by actually getting their hands dirty in our brand new outdoor classroom – the [Field Experience Rock Garden](#). Students studying biology will have access to the amazing outdoor reserve – allowing them to study the natural world in the great outdoors. Physics students benefit from an innovative group approach to learning that throws traditional lectures out of the window, developing skills in team-working, problem-solving and leadership.
7. The [state-of-the-art science 'precinct'](#) is home to two student lounges just for science students, along with many other comfortable break-out spaces for studying and hanging out.
8. Monash University has spent millions in recent years on making its student facilities and buildings among Australia's best.
9. Science students are given lots of coaching and guidance to prepare them for the world after university, from learning leadership skills to writing their CV. There is a dedicated in-house careers consultant, alongside leadership and mentoring programs, to hone students' non-academic skills and help prepare them for their dream job.
10. Monash has a proven track record of providing a springboard to a huge range of careers and postgraduate research in science and beyond.

Browse [Facts about Science at Monash](#) and [Why study Science at Monash](#) to find out more!



Pharmacy Update at Monash University

Traditionally, pharmacy degrees in Australia have offered students a five-year pathway to apply to register as a pharmacist (generally a four-year bachelor degree plus a one-year internship). From 2017, Monash will introduce the *new* integrated **Bachelor of Pharmacy (Honours)/Master of Pharmacy** course, enabling students to apply to register within the same five-year time frame, but offers them the additional advantage of doing so with a master's degree as well as a bachelor's. This course will replace the Bachelor of Pharmacy (Honours) from 2017, and it has all the required accreditations from the Australian Pharmacy Council.

Find out more at [Bachelor of Pharmacy \(Honours\)/Master of Pharmacy](#)

Design Courses at Monash University

Students considering applying for *architectural design, design, fine art* and/or *interior architecture* courses that require the submission of design exercises, and the attending of interviews as part of selection into those courses, are encouraged to browse the following links -

[Architectural Design](#)

[Design](#)

[Fine Art](#)

[Interior Architecture](#)

For a comprehensive list of all design courses on offer at Monash, visit [Design Courses at Monash University](#)



The **Service Skills** website provides information, resources and videos about a variety of careers in –

- ✓ *sport, fitness & recreation*
- ✓ *tourism, travel & hospitality*
- ✓ *wholesale, retail & personal services*

Students interested in careers in any of these areas are recommended to browse the following websites: [Service Skills Australia - Careers](#) and [The Job I Love](#)



➤ Update from the Faculty of Business and Law

Compulsory career planning unit for commerce students! Preparing to find a job will soon be an integral part of the course for commerce students at Deakin, with a compulsory unit in career planning being piloted. The compulsory **Personal Insight** unit will provide career development experiences for students, and has a clear focus on students co-creating their professional identity. The unit is the Bachelor of Commerce's key vehicle for creating awareness and engagement in University initiatives, which include planning for choice of majors and alignment to career aspirations, the Career Portal, Work Integrated Learning and international mobility initiatives. The Personal Insight unit is a journey of discovery in which students explore intrapersonal and interpersonal aspects of themselves with the goal of creating a personal portfolio of career resources, to assist them to gain Work Integrated Learning placement(s) and be better prepared to find a graduate role.

Find out more about the Bachelor of Commerce by browsing [Commerce at Deakin](#)

➤ Update from the Faculty of Arts and Education

Entertainment production students gain industry experience promoting new Australian film!

First year entertainment production students at Deakin are helping to promote the new Australian film, Pawno (2016). Meeting with director Paul Ireland and writer Damian Hill in a

masterclass at the university, students are encouraged to learn firsthand about producing entertainment today. Social media platforms, festival circuits and online media exposure are some of the topics they explore while promoting the film in student groups. This is just one of the exciting opportunities available to those studying the *Bachelor of Entertainment Production*, which is a new degree that joins a passion for entertainment to the possibility of student learning in a hands-on, collaborative and supported environment. **Find out more about the Bachelor of Entertainment Production by browsing [Entertainment Production at Deakin](#)**

University of Wollongong



Bachelor of Pre-Medicine, Science and Health

The University of Wollongong (UOW) offers a 3-year ***Bachelor of Pre-Medicine, Science and Health*** as a pathway to graduate medical studies. The course is designed to give high-achieving students an excellent preparation for graduate medical studies at UOW or other institutions.

One of the strengths of the course is that there is a Foundations for GAMSAT subject in first year. **This subject explores core content for medical school entry including academic literacy, critical thinking skills and an understanding of what it takes to be a successful health practitioner.** It provides an excellent understanding of, and preparation for, the GAMSAT exam.

Also in the first year students will also study foundational *anatomy, biology, chemistry, exercise physiology, nutrition and effective communication in healthcare settings*. In the second year, under the guidance of the course coordinator, students can tailor their interests by selecting one of eight study areas:

- Biomedical Research
- Exercise Science
- Health Informatics
- Health Practice
- Medical Radiation Physics
- Medical Science
- Molecular Medicine
- Nutrition

In the final year, there is a capstone subject which examines case studies across six topics in the same case-based learning format used by graduate medical schools. The case studies are explored via scientific summaries, clinical trial critiques, media reporting, essays and debates.

Applicants need an indicative ATAR of 95 and have studied mathematics and chemistry, with biology being recommended. Students must apply through www.uac.edu.au and the UAC course code is 757500.

Find out more about eligibility for the Bachelor of Pre-Medicine, Science and Health at [Bachelor of Pre-Medicine, Science and Health at UOW](#). For frequently asked questions about this degree, visit [FAQs about Bachelor of Pre-Medicine, Science and Health](#)



Call us on 13 TAFE (13 8233)

Visual Merchandising at Kangan

If you are a visually creative individual who loves all things fashion and retail, then our Diploma of Visual Merchandising qualification can lead to your perfect creative career as a Visual Merchandiser. Visual merchandising has become a vital feature in the promotional mix when it comes to creating a striking visual retail presence.

Students who enrol in the nationally accredited **Diploma of Visual Merchandising** course will gain relevant skills in –

- designing, planning and implementation of visual merchandising concepts
- explore colour theory, graphics, drawing and multimedia
- design and construct safe and effective props and displays
- digital art and design
- graphic arts
- retail merchandising
- visual merchandising

Find out more by visiting [Diploma of Visual Merchandising at Kangan Institute](#)



AUSTRALIAN CATHOLIC UNIVERSITY

Passion for Law and Commerce - Early Entry Program

Passion for Law and Commerce is a guaranteed early entry program designed to nurture your learning passion and give you a step up in your future law and commerce career.

With an ACU double degree in Law and Commerce, students who have a passion for law and commerce, will have access to choices in areas that excite and inspire them: practice as a barrister or solicitor, provide advice as an in-house counsel to an organisation, or pursue a diverse career specialising in:

- commercial law coupled with accountancy or tax or finance
- social justice advocacy combined with business management
- intellectual property rights, consumer protection law alongside marketing, entrepreneurship and venture capital
- public and private international law coupled with a specialisation in business management and administration
- competition law joined with business management and marketing
- investment law, international trade law combined with finance, business management and administration
- employment law closely aligned with expertise in human resource management

Current Year 12 students (local and international) who will have completed, Legal Studies and a business related subject by the completion of their Year 12 you are eligible to apply for entry to ACU through the Passion for Law and Commerce Program.

Successful applicants to this Early Entry program will require an ATAR 78, and Units 3 and 4 a minimum study score of 30 in English (EAL) or 25 in any other English.

- Bachelor of Laws and Bachelor of Commerce
- Bachelor of Laws and Bachelor of Business Administration

Applications are open, and close on 16 September 2016. Successful applicants will be notified by 30 September 2016. To find out more, and to apply visit [Passion for Law and Commerce - Early Entry Program](#)



AUSTRALIAN CATHOLIC UNIVERSITY

Early Achievers Program (EAP)

As a Year 12 student, do you demonstrate leadership in your school or workplace, coordinate a community initiative, volunteer in a local cultural, sporting or religious group or provide care to someone in need?

Australian Catholic University's Early Achievers' Program (EAP) recognises a students' potential to achieve great things. Gaining a place in the desired course is dependent on meeting the University's minimum entry requirements and subject prerequisites, regardless of success in the program. One of the biggest benefits of the program is that successful applicants receive an offer well ahead of the usual tertiary admissions announcements.

The program operates at each of the University's six campuses nationally. **Applications will open on Monday 8 August 2016 and close on Monday 17 October 2016, with offers being made by the end of November 2016.**

Successful EAP applicants will receive a guaranteed offer through QTAC, UAC or VTAC, provided they meet the following requirements:

- *The ACU course identified on your EAP application is the highest eligible preference on your TAC application at the time of the offer round.*
- *You have satisfied prerequisite requirements for the course.*
- *You achieve a minimum ATAR of 70 for Law, Law dual degrees and Physiotherapy*; 65 for Occupational Therapy and Speech Pathology or 58.50 for all other ACU degrees.*
* subject to change

Students are encouraged to start gathering their required documentation now to submit with along their application. Failure to meet all the requirements for the EAP will result in not being considered for the program.

Find out more at [Early Achievers' Program](#)



Studying Osteopathy at VU

Osteopaths diagnose, treat and provide preventative advice about disorders that affect the body's musculoskeletal system, using manual techniques to alleviate stresses and dysfunction to improve the body's function ([Good Universities Guide - Osteopath](#))

VU offers one of only three of these accredited double degree programs in Australia. Core studies include anatomy, osteopathic science, physiology and biochemistry. Students undertake fieldwork and clinical practice to prepare them for their osteopathy career.

Students considering a career in osteopathy need to complete the **Bachelor of Science (Osteopathy)** first; this is a 3-year course and provides an entry into an osteopathy career. Completion of the Bachelor of Science (Osteopathy) course alone does not make graduates eligible for registration as Osteopaths. Students must also complete the Masters of Health Science (Osteopathy) in order to be eligible to register as an Osteopath. So, the double degree program is:

- ❖ [Bachelor of Science \(Osteopathy\)](#) - 3 years
- ❖ [Masters of Health Science \(Osteopathy\)](#) – 1,5 years

On completion of both programs, students will be eligible for:

- registration with the **Osteopaths Registration Board of Victoria**
- registration as an Osteopath in all other Australian states
- membership with the **Australian Osteopathic Association**

For further information about registration requirements, visit the [Australian Health Practitioner Regulation Agency](#) website.

VU has a an [Osteopathy Teaching Clinic](#) which operates 47 weeks per year, and students are required to attend clinical sessions on a rotation basis including outside of semester hours to maintain a public service and provide continuity of patient care. Clinical training, including fieldwork, is crucial in the preparation to becoming an Osteopath.

For more information about studying osteopathy at Victoria University, visit [Osteopathy at VU](#)



News from Swinburne University

➤ **New Common First Year for Engineering Students**

Students studying Engineering at Swinburne in 2017 will begin their studies with a common first year. The **Bachelor of Engineering (Honours)** is designed to teach students the fundamentals of engineering before they choose their major, ensuring they can make informed choices about their career in the industry. Students who enrol in the **Bachelor of Engineering (Honours) (Professional)** will also complete a guaranteed 12-month paid professional work placement. In 2017, a major in Biomedical Engineering will again be offered. **To find out about all the Engineering majors on offer visit [Engineering](#)**

➤ **Professional Degrees**

From this year, Swinburne commenced offering a unique opportunity for high-achieving students to **enrol in a degree that incorporates a guaranteed, paid, full-time work placement.**

Swinburne's professional degrees feature a mandatory 12-month work placement which is normally undertaken during a students' third year of study. Students get paid for the placement, receive academic credit and gain invaluable skills that ensure they are job-ready upon graduation. Students can complete the degree, including the 12-month placement, in as little as 3.5 years.

Browse the following link to learn more - [Swinburne's Professional Degrees](#)

Swinburne New Majors in Health Science

In 2017, Swinburne's **Bachelor of Health Science** will include four new majors. *The degree is designed to equip students for careers promoting health and wellbeing.* New majors in **biomedical and clinical technologies, exercise science and nutrition** will be offered alongside a revised major in biomedical science.

Students who enrol in the [Bachelor of Health Science \(Professional\)](#) will also complete a guaranteed 12-month paid professional work placement.

Explore Health Science majors at [Health Science Majors](#)

Career FAQs - What to do with your Arts Degree

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



Careers Expo 2016

Students are encouraged to attend the ***SpotJobs Careers Expo*** where there will be an opportunity to speak to a number of representatives from tertiary institutions all over Australia.

Date: Friday 26 – Sunday 28 August 2016
Time: 10.00am - 3.00pm (Friday) and 10.00am – 4.00pm (Sat and Sun)
Location: Melbourne Convention and Exhibition Centre in Southbank

Visit [Career Expo](#) to find out more and/or to download and print off a ***FREE*** ticket to the expo!

Engineering Degrees in Victoria

Listed below are a number of engineering degrees offered at most universities in Victoria. Students should note that unless otherwise indicated* all engineering degrees require at the very least *English or EAL, and Maths: Mathematical Methods (CAS)*. Courses with an * also require *Chemistry or Physics*.

For a comprehensive list of all courses, their prerequisites and double degrees on offer, visit [VTAC](#)

INSTITUTION	COURSE	MAJOR STUDIES	ATAR 2016
DEAKIN M – Melbourne W – Warrn Ponds	Civil	Civil engineering management, Computer-aided design (CAD), Construction, Engineering (civil), Engineering (fluid), Engineering design, Geotechnical engineering, Materials engineering, Structural engineering, Transportation, Water resources engineering.	61.85 (W)
	Electrical & Electronics	Circuits and electronics, Computer-aided design (CAD), Control systems, Data communications, Electrical and electronic engineering and technology, Electrical engineering, Electronic engineering, PLC and SCADA, Power systems, Renewable energy, Smart distributions and transmission systems.	n/a (M) n/a (W)
	Mechanical	Computer-aided design (CAD), Control systems, Engineering (fluid), Engineering (mechanical), Materials engineering, Mechanical design, Systems design.	65.25 (M) 62.70 (W)
	Mechatronics	Artificial intelligence, Automotive design, Circuits and electronics, Computer-aided design (CAD), Control systems, Data communications, Electrical and electronic engineering and technology, Electrical engineering, Electronic engineering, Engineering (mechanical), Engineering (mechatronic), Mechanical design, Mechatronics design, Robotics.	n/a (M) 60.50 (W)
LA TROBE M – Melbourne B – Bendigo	Civil	Building (construction methods), Building (design), Building (technology), Construction, Construction management, Engineering, Engineering (civil), Environmental engineering management, Hydraulics and hydrology, Sustainability.	60.45 (M) n/a (B)
	Engineering	Civil engineering, Design, Electronic engineering, Engineering, Mechanical engineering.	73.40 (M) 71.20 (B)
MONASH Cl – Clayton	Aerospace *	Aerodynamics, Aeronautical, Aerospace Engineering, Avionics, Engineering.	91.30 (Cl)
	Engineering *	Chemical engineering, Civil engineering, Electrical and computer systems engineering, Engineering, Materials engineering, Mechanical engineering, Mechatronics engineering.	91.10 (Cl)
	Environmental *	Engineering, Environmental engineering.	n/a (Cl)
	Mining *	Engineering, Mining engineering.	n/a (Cl)
	Software *	Engineering, Software engineering.	88.20 (Cl)
RMIT C – City C/B – City & Bundoora	Advanced Manufacturing & Mechatronics	Advanced manufacturing processes, Advanced robotics, Automatic control systems, Autonomous systems, Design for assembly and automation, Embedded systems, Engineering computing, Engineering mechanics, Manufacturing systems, Manufacturing systems modelling, Mechatronic design.	82.25 (C/B)
	Aerospace	Aerodynamics, Aerospace engineering, Aerospace maintenance,	90.10

RMIT C – City C/B – City & Bundoora		Aerospace science and spacecraft, Aircraft design, Aircraft systems, Aviation, Computer modelling, Mechanics (applied), Mechanics (flight), Mechanics (fluid), Mechanics (solids), Mechanics (structural).	(C/B)
	Automotive	Computer-aided engineering and design, Dynamics and control, Energy conservation and renewable energy, Engineering mathematics, Fluid mechanics, Industrial aerodynamics and computational fluid dynamics, Mechanics of machines, Mechatronics, Solid mechanics and materials, Thermodynamics, Vehicle handling and control, Vehicle noise and vibration, Vehicle power system and vehicle body design.	n/a (C/B)
	Biomedical	Bioinformatics, Cell Biology, Chemistry, Circuit Theory, Electronics, Engineering biomechanics and biomaterials, Human physiology, Medical engineering and instrumentation, Physics, Programming, Signal processing.	85.65 (C)
	Chemical *	Chemical sciences, Environmental, Food science and biotechnology, Metallurgical, Petroleum, Rheology.	76.45 (C)
	Civil & Infrastructure	Civil engineering management, Computer modelling, Construction management, Engineering (civil), Engineering (environmental), Engineering (geoengineering), Engineering (structural analysis and design), Engineering (transport engineering), Irrigation and water management, Mechanics (structural), Project management, Risk analysis and management, Roads and road design, Software applications, Water quality management, Water resources engineering.	85.20 (C/B)
	Computer & Network	Computer and network security, Computer engineering, Computer networks, Embedded systems, Internet communications, Microprocessor, Microprocessor control systems, Mobile and cloud networks and computing, Multimedia engineering (audio), Multimedia engineering (image), Multimedia engineering (speech), Multimedia engineering (video signal processing), Network engineering, Network infrastructure design and performance, Network management, Signal and systems, Telecommunications (systems and networks), Wireless technologies.	73.00 (C)
	Electrical	Control systems, Electrical distribution, Electrical energy conversion, Electrical engineering, Electrical transmission, Industrial automation, Microprocessor control systems.	72.30 (C)
	Electrical & Electronic	Circuits and electronics, Communication systems, Computer engineering, Computer networks, Control systems, Digital and analogue electronics, Electrical systems, Electronic systems, Photonics, Signal processing, Wireless technologies.	72.15 (C)
	Environmental	Chemical engineering, Civil engineering, Environmental analysis, Environmental engineering, Geology, Hydrogeology, Hydrology, Infrastructure management, Land contamination, Pollution control, Process engineering, Sustainability, Transport engineering, Urban systems, Waste water treatment, Water engineering, Water management.	81.40 (C/B)
Mechanical	Computer-aided engineering and design, Dynamics and control, Energy conservation and renewable energy, Engineering and society, Engineering mathematics, Fluid mechanics, Industrial aerodynamics and computational fluid dynamics, Manufacturing,	84.05 (C/B)	

		Mechanical design, Mechanics of machines, Mechatronics, Professional research project, Solid mechanics and materials, Thermodynamics.	
	Sustainable Systems	Advanced life cycle and systems assessment, Chemistry fundamentals, Computer-aided design and engineering, Electrical energy systems, Intelligent transport systems, Manufacturing management, Mathematics, Professional research project, Renewable energy, Statistics, Sustainable energy systems, Sustainable engineering logistics systems, Sustainable transport systems, Systems engineering.	n/a (C/B)
	Software Engineering	Algorithms and data structures, Artificial intelligence, Computer architecture, Computer operating systems, Database systems, Industrial collaboration and experience, Networks and data communications, Object-oriented design, Object-oriented modelling, Object-oriented programming, Object-oriented software engineering, Operating systems, Problem solving, Programming, Programming (C), Programming (Java), Project management, Software development, Software engineering, Software engineering practices.	82.00 (C)
SWINBURNE H – Hawthorn	Civil	Computer-aided engineering, Cost engineering, Design of building structures, Design of steel structures, Engineering management, Geotechnical engineering, Infrastructure design project, Project management, Road and transport engineering, Structural design low rise building, Structural mechanics, Sustainable design, Topographical engineering, Transport engineering, Urban water resources, Water and environmental engineering.	75.00+ (H)
	Construction	Civil engineering, Computer-aided engineering, Construction engineering, Construction law and contracts, Construction quality and practices, Cost engineering, Design of constructed structures, Design of temporary structures, Energy and motion, Engineering design, Engineering management, Geomechanics, Project and construction planning, Risk and due diligence, Road engineering, Structural mechanics.	75.00+ (H)
	Electrical & Electronic	Electrical and power, Software engineering, Telecommunications.	75.00+ (H)
	Engineering (Professional)	Civil engineering, Construction engineering, Electrical and power, Mechanical engineering, Product design engineering, Robotics and mechatronics, Software engineering, Telecommunications.	80.00+ (H)
	Mechanical	Control engineering, Control systems, Engineering management, Machine dynamics, Materials and manufacturing, Materials engineering, Mechanical engineering, Mechanical systems design, Mechanics of structures, Solid and fluid mechanics, Thermodynamics.	75.00+ (H)
	Product Design	Computer modelling and simulation, Computer-aided design (CAD), Design and culture, Design for manufacture, Design for social responsibility, Engineering management, Global design, Human factors, Innovative design methodology, Machine design, Mechanical systems design, Product design, Product innovation, Project development, Sustainable design.	R.C.
	Robotics & Mechatronics	Computer-aided engineering (CAE), Control and automation, Control systems, Digital signal and image processing, Electronics,	75.00+ (H)
R.C. – Range of Criteria used for selection			

		Engineering management, Machine dynamics and design, Mechatronics system design, Object oriented programming in C++, Project management, Robot system design, Robotic control, Structural mechanics.	
VICTORIA FP – Footscray Park # Engineering degrees at VU require <u>any maths</u>	Architectural #	Architecture, Building (design), Building (technology), Building law and building practice, Computer-aided design, Construction, Design, Engineering, Engineering (architectural), Engineering (electrical), Engineering (mechanical), Environment and sustainability, Environmental comfort and life safety design, Green building design, Management, Sustainable building design.	n/a (FP)
	Civil #	Computer-aided design, Construction, Construction management, Engineering (civil), Engineering (environmental), Engineering (structural analysis and design), Engineering (transport engineering), Geosciences, Hydraulics and hydrology, Land and water management, Management, Project management, Roads and road design, Sustainable development, Water resources engineering.	n/a (FP)
	Electrical & Electronic #	Digital and analogue electronics, Electrical engineering management, Engineering (communication), Engineering (computer systems), Engineering (computer), Engineering (electrical generation), Engineering (electrical), Engineering (electronics), Engineering design, Microelectronics, Microprocessors, Telecommunications.	n/a (FP)
	Mechanical #	Automotive design, Computer-aided design, Design (product development), Engineering, Engineering (manufacturing), Engineering (mechanical), Industrial engineering, Manufacturing management, Mechanical design, Mechanical engineering, Mechanics (fluid mechanics), Mechanics (solid mechanics), Production processes, Project management.	n/a (FP)
	Sports Engineering #	Analogue and digital, Biomechanics and kinesiology, Biomedical systems, Biophysics, Computer applications, Electronic technology and instrumentation, Engineering (electronics), Engineering (mechanical), Engineering (mechatronic), Exercise science, Human movement, Laboratory instrumentation, Mechatronics, Medical biophysics, Microprocessors, Physics, Physiology, Software development, Systems software, Technical support, Technology.	n/a (FP)

Science Degrees in Victoria

The Bachelor of Science is offered at the following universities and students are encouraged to visit [VTAC](#) for more information on these and other courses and/or browse each university link provided below.

UNIVERSITY	VCE PREREQUISITES	ATAR 2016
DEAKIN M – Melbourne campus G – Waurin Ponds campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	68.80 (M) 57.00 (G)
FEDERATION Gi – Gippsland campus Mt H – Mt Helen campus	Units 3 and 4: a study score of at least 20 in any English; and a study score of at least 20 in one of any Mathematics or any Science.	n/a (Gi) n/a (Mt H)
LA TROBE M – Melbourne campus B – Bendigo campus AW – Albury-Wodonga campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; and a study score of at least 20 in any Mathematics.	n/a (M) n/a (B) n/a (AW)
	Science – Hallmark Program: Minimum ATAR of 85.00. Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; and a study score of at least 20 in any Mathematics.	91.85 (M) n/a (B)
MONASH C – Clayton campus	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Biology, Chemistry, Environmental Science, Geography, Maths: Mathematical Methods (CAS), Maths: Specialist Mathematics, Physics or Psychology.	85.00 (C)
	Science Advanced – Global Challenges: Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; and a study score of at least 30 in one of Biology, Chemistry, Environmental Science, Geography, Maths: Mathematical Methods (CAS), Maths: Specialist Mathematics, Physics or Psychology.	n/a (C)
	Science Advanced – Research: Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; and a study score of at least 30 in Maths: Mathematical Methods (CAS); and a study score of at least 30 in two of Biology, Chemistry, Environmental Science, Geography, Maths: Specialist Mathematics, Physics or Psychology.	95.00 (C)
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; and a study score of at least 20 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.	68.00 (C)
	Science – Dean’s Scholar Program: Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.	80.55 (C)
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; and a study score of at least 20 in any Mathematics.	65.00+ (H) 80.00+ H) **
UNI MELBOURNE	Minimum ATAR of 85.00. Units 3 and 4: a study score of at	85.00 (P)

P – Parkville campus	least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics; and a study score of at least 25 in one of Biology, Chemistry or Physics.--OR--Minimum ATAR of 85.00. Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in both of Maths: Mathematical Methods (CAS) and Maths: Specialist Mathematics.	
VICTORIA FP – Footscray Park campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; and a study score of at least 20 in any Mathematics.	n/a (FP)



Biomedicine/Biomedical Science Degrees in Victoria

A Biomedicine or Biomedical Science degree is offered at a number of universities, and is often regarded as an excellent pathway degree to graduate medicine. **Students are encouraged to visit [VTAC](#) for more information on these and other courses – including double-degrees.**

INSTITUTION	COURSE NAME	VCE PREREQUISITES	MAJOR STUDIES
ACU	Biomedical Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in any Mathematics.	Biomedical Science.
DEAKIN	Biomedical Science	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 (Melbourne only), Genetics, Human biology, Immunology (Melbourne only), Infection and Immunology (Geelong only), Medical Biotechnology, Medical microbiology, Medical research, Medical science, Microbiology, Molecular and cell biology, Molecular and human genetics, Molecular biology, Pathophysiology, Physiology.
FEDERATION	Biomedical Science	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; and a study score of at least 20 in one of Biology, Chemistry or Physics.	Anatomy and Physiology, Biochemistry, Biology, Chemistry, Genetic Sciences, Health sciences, Medical microbiology, Medical science, Microbiology, Pathophysiology, Pharmacology, Public health, Statistics.
LA TROBE	Biomedical Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in Chemistry.	Anatomy, Biochemistry, Biomedical science, Biosciences, Genetics, Medical research, Medical science, Microbiology, Molecular and cell biology, Molecular and human genetics, Physiology.
MONASH	Biomedical Science	Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS), Maths: Specialist Mathematics or Physics.	Anatomy and physiology, Biochemistry, Bioinformatics, Biomedical science, Biomedicine, Biophysics, Biotechnology, Genetics, Health sciences, Human biology, Human sciences, Microbiology, Molecular and cell biology, Neurobiology, Pathology, Pathophysiology.
RMIT	Biomedical Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 20 in Chemistry; and a study score of at least 20 in one of any Mathematics or Physics.	Anatomy and physiology, Biochemistry, Bioinformatics, Biomedical science, Biotechnology, Cell biology, Cell physiology, Human physiology, Medical microbiology, Medical science, Molecular medicine and biotechnology, Neurobiology, Pathology.
UNI MELBOURNE	Biomedicine	Minimum ATAR of 96.00. Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in one of Maths:	Biochemistry and molecular biology, Bioengineering systems, Biotechnology, Cell and developmental biology, Genetics, Health informatics, Human structure and function, Immunology, Microbiology and immunology,

		Mathematical Methods (CAS) or Maths: Specialist Mathematics.	Neuroscience, Pathology, Pharmacology, Physiology
VICTORIA	Biomedical Sciences	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; and a study score of at least 20 in one of Biology, Chemistry, Health And Human Development, any Mathematics or Physical Education.	Anatomy and physiology, Cell biology, Cell physiology, Chemistry and biochemistry, Dietary and nutritional studies, Functional anatomy, Human biology, Immunology, Molecular and human genetics, Neuroscience, Pathophysiology, Pharmacology, Research methods.
	Biomedicine	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Biology, Chemistry, any Mathematics or Physics.	Anatomy and physiology, Biochemistry and molecular biology, Cell and developmental biology, Cell biology, Chemistry and biochemistry, Dietary and nutritional studies, Functional anatomy, Genetics, Health informatics, Human biology, Human structure and function, Immunology, Microbiology, Molecular and human genetics, Neuroscience, Pathophysiology, Pharmacology, Physiology, Research methods.



📍 Open Days 2016 📍

INSTITUTION	DATE	TIME	CONTACT DETAILS
Australian Catholic University Melbourne Campus Ballarat Campus	Sun 14 August Sun 28 August	10am – 4pm 10am – 3pm	1300 ASK ACU Email: opendayvic@acu.edu.au http://www.acu.edu.au/study_at_acu/future_students/undergraduate/experience_uni_before_you_start/open_day
Australian College of Applied Psychology	Sun 14 August	10am – 2pm	1800 061 199 http://www.acap.edu.au/
Australian National University	Sat 27 August	9am – 4pm	http://www.anu.edu.au/study/events/anu-open-day-2016
Blue Mountains Hotel School (Leura Campus)	Sat 3 September	10am – 2pm	https://www.bluemountains.edu.au/openday2016/
Bond University	Sat 23 July	2pm – 6pm	1800 074 074 https://bond.edu.au/event/47613/2016-open-day-experience-bond-different-light
Box Hill Institute of TAFE Lilydale Campus Box Hill Campus	Sun 21 August Sun 28 August	10am – 3pm	1300 269 445 www.boxhillinstitute.edu.au
Deakin University & Deakin College Warrnambool Campus Geelong Campus (Wairn Ponds & Waterfront) Melbourne (Burwood) Campus	Sun 7 August Sun 21 August Sun 28 August	9am – 3pm 9am – 3pm 9am – 4pm	1800 334 733 http://openday.deakin.edu.au/
Federation University of Australia Mount Helen Campus; SMB	Sun 28 August	10am – 3pm	1800 333 864 http://federation.edu.au/future-students/study-at-feduni/open-day
Holmesglen Institute Open Thursday's – all campuses	11 August 15 September 27 October 15 December	Various times	1300 MY FUTURE http://www.holmesglen.edu.au/open
La Trobe University & La Trobe Melbourne Shepparton Campus Melbourne (Bundoora) Campus Bendigo Campus Mildura Campus	Fri 5 August Sun 7 August Sun 14 August Sun 17 August	4pm – 7pm 3.30pm – 7.30pm 10am – 3pm 10am – 4pm	1300 135 045 http://www.latrobe.edu.au/openday
Monash University Peninsula Campus Clayton & Caulfield Campuses Parkville Campus (Pharmacy Focus)	Sat 6 August Sun 7 August Sun 21 August	10am – 3pm 10am – 4pm 10am – 3pm	1800 666 274 www.monash.edu.au/openday
Photographic Studies College	Sun 14 August	10am – 3pm	9682 3191 https://www.psc.edu.au/
Navitas College of Public Safety 123 Lonsdale Street, Melbourne CBD	Sun 14 August	10am – 2pm	1800 783 661 www.ncps.edu.au

RMIT City, Bundoora & Brunswick Campuses	Sun 14 August	10am – 4pm	9925 2260 www.rmit.edu.au/openday
Swinburne University Hawthorn	Sun 31 July	10am – 4pm	1300 SWINBURNE www.swinburne.edu.au/openday
University of Melbourne Parkville & Southbank Campuses	Sun 21 August	9am – 4pm	1800 801 662 https://futurestudents.unimelb.edu.au/explore/events/victoria_and_interstate/victoria/university_of_melbourne_open_day
Victoria University Footscray Park campus	Sun 28 August	10am – 3pm	1300 VIC UNI www.vu.edu.au/open-day
William Angliss Institute of TAFE	Sun 14 August	10am – 4pm	1300 ANGLISS http://www.angliss.edu.au

Getting the most out of an Open Day

Most institutional Open Days are held in late July and August (see above page for Open Day dates). However, you are more than welcome to contact an institution to arrange a visit any time.

What happens on an Open Day?

On Open Day you can visit an institution when it's at its best. Everyone is there – academics, lecturers, current students and information officers. More importantly, you can talk with academics, lecturers and current students about what certain courses are actually like, and what is required to get into them.

Who should attend an Open Day?

Anyone who is considering studying at a tertiary level in the next few years should attend.

Why should you attend an Open Day?

Apart from the opportunity to obtain course information there are many other reasons why attending an Open Day is a good idea:

- You are going to feel more comfortable arriving at a university or TAFE institute on the first day of classes if you have been there before.
- What is really involved in the course or courses you are interested in?
- If you have to move away from home, where are you going to live?
- Will you be happier studying in a large metropolitan institution or a smaller, perhaps rural institution?
- What does the place 'feel' like? Is it a bustling environment with lots of activity or a quieter, more relaxed campus set in landscaped grounds?
- How are you going to get there? Is it close to public transport or should you start saving now for a car?

If you don't know the answers to any of these questions, then you should attend an Open Day!

How to make the best of Open Days

To make your Open Day visits fun and informative, here are some pointers:

- Write down a list of questions you would like to ask about particular courses
- Be there early. Crowds tend to develop as the day progresses
- On arrival, get a map from a central point and ask for directions to the relevant faculties or schools
- Ask questions!
- Don't spend the day collecting printed information only. Use the opportunity to speak directly with academics before applications close
- Introduce yourself to selection officers if you feel it is appropriate, but don't be pushy
- Check out the residential colleges, if available. After all, it is you that will be living there.
- Walk around the campus. Have a good look! See what sporting facilities and other services are available.