



Dates to Diarise in Term 3

- **Year 12 VTAC timely applications** – throughout August and September
- **VTAC SEAS and Scholarship applications** – throughout August and September

Federation **Guaranteed ATARs**

UNIVERSITY • AUSTRALIA

A **Guaranteed ATAR** enables a student to plan and list their course preferences with confidence. If the Year 12 student receives an ATAR equal or above this number, meets the course prerequisites and any 'essential requirements' for admission, Federation University will guarantee them a place in the course.

Please click here to view the [2023 Guaranteed ATARs](#).



News from Monash University

➤ Great Entrepreneurial Challenge

Are you curious about business? Do you have a great idea to make a difference to the way we live?

Interested Year 10 and 11 students are invited to sign up for the Great Entrepreneurial Challenge and get a taste of the world of business! Students will learn the fundamentals of entrepreneurship and awesome pitch delivery. They will work together with other students as they flesh-out a business idea under the mentorship of industry experts and current Monash students. Lunch and snacks are included!

Who: Year 10 and 11 students only

When: 20 September 2022

Time: 9.45am - 4.00pm

Where: Monash Business School, Monash Caulfield campus, Building H,
900 Dandenong Road, Caulfield East

Places are limited and registration is essential. Register at [Great Entrepreneurial Challenge 2022](#).

➤ Maths & Science Prerequisites

The best way to meet the prerequisites requirements for Monash undergraduate courses is by undertaking them via your VCE or equivalent Year 12 studies. However, Monash does accept a range of alternate options if students do not have the required VCE units or do not meet the study score.

Some of these are outlined at the link below. These options are not a definitive list but do

provide students with relevant and known alternatives that may help them with planning their course progression.

It is important to note students must complete at least one of the listed alternative options before they can access the destination degree.

For example, if a student is interested in the Bachelor of Commerce and has not studied Units 3 & 4 Mathematics Methods in the VCE, they could enter Monash's Business, Arts or Science degree, undertake MTH1010 and then apply to transfer to Commerce.

Students are encouraged to browse [Maths & Science Prerequisites](#) to find out more.

➤ **Useful YouTube Videos**

The Monash University student recruitment team have a range of useful YouTube clips for students to watch and get a better idea about the university and the courses it offers. Clips include *campus tours, information on double degrees, scholarships, pathways to Monash, etc.*

Visit [Useful YouTube Videos](#).



What does a Forensic Psychologist do?

The Australian Psychological Society states that a Forensic Psychologist uses *their legal and psychological knowledge to help individuals, government employees and organisations navigate the legal and criminal justice systems.*

In court proceedings, Forensic Psychologists use scientifically based principles to assess a client, collect evidence that relates to the psychology of the person, and table a report, and the report is then used in evidence.

Forensic Psychologists would be utilized for areas that include *child protection, family services, alcohol and other substance abuse, rehabilitation services (such as pain clinics or head injury services), and research.*

Find out more at [Forensic Psychology](#).



What is Land Surveying?

Interested in Geography, Maths, Science, IT and/or the outdoors? Looking for a job that won't tie you to a desk? Surveying is the measurement and mapping of our surrounding environment using mathematics and specialised technology. Land surveyors are involved with a diverse variety of projects from land subdivision to tunnel building and major construction.

Importantly though, there is much more to surveying than taking measurements outdoors and then analysing them back in the office. Surveyors are often the first people on site

during any construction process; they are the guardians of property law, and the creators of land titles. They are also the ones who can sign off on the position of new title boundaries. In all, surveyors are an integral part of the process in a wide variety of scenarios.

Students who wish to find out what surveying is, what surveyors do, where to study, and what it takes, might like to browse [A Life Without Limits](#).



Pathways to Paramedicine at VU

Did you know there is a TAFE pathway to paramedicine at VU?

Students who complete the [Certificate III in Non-Emergency Patient Transport](#) at VU Polytechnic can secure a place in the [Diploma of Emergency Health Care](#) and then the [Bachelor of Paramedicine](#), with one years' credit – so they can become a paramedic in three years. This is an option well-worth considering as an alternative pathway to paramedicine.



PHOTOGRAPHY STUDIES COLLEGE Snapshot of Photography Studies College (PSC) in 2022

For 40 years PSC has provided students with an environment in which to explore their creativity, see the world anew and give expression to what they see.

The lecturers at PSC are experienced practitioners and educators with national and international profiles in the areas of documentary, photojournalism, art, commercial photography, photobook publishing, curation, and photographic theory. PSC offers a range of programs from full-time courses to short courses, and workshops.

Courses on offer include –

- ✓ [Bachelor of Photography](#)
- ✓ [Diploma in Photography and Photo-Imaging](#)
- ✓ [Certificate IV in Photography and Photo-Imaging](#)



Games Design Courses in Victoria in 2022

Games Design courses are offered at a number of universities in Victoria. *Often, they are specialised courses, other times games design is offered as a major in Computer Science and/or Information Technology degrees (see separate Matrices).* Some courses have a specific maths requirement, so students are encouraged to browse the links provided. A number of these courses are included below, but for a comprehensive list, including all those offered by Private Institutions, visit [VTAC](#).

INSTITUTION	COURSE	MAJOR STUDIES IN 2022
JMC Academy	Diploma and Bachelor of Creative Arts (Games Design)	Art History, Art and Animation History, Character Modeling, Character design (2D), Clay sculpture, Colour and Design, Concept Art, Concept Development, Digital Sculpture, Digital concept art, Drawing, Environment Design (2D), Figure modelling, Game Design, Game Studies, Game asset creation (3D) , Game engine scripting [Programming], Game production, Game-play mechanics, Interactive Multimedia, Level design (Games), Motion Capture, Motion Graphics, Pixel art, Production (Games), Prototyping, Rendering, Scriptwriting, Sprite animation (2D), Studio skills, User Interface Design (Games).
RMIT University	Bachelor of Design (Games)	3D animation, 3D design, Arts (contemporary), Computer graphics, Computer programming, Digital animation (games), Digital art and design, Digital imaging, Entrepreneurship, Games design, Games development, Games programming, Games technology, Graphic design.
	Diploma of Digital Media	Animation (2D), Animation (3D), Audio and video production, Augmented reality (AR) design, Cinema language, Design for mobile devices, Digital imaging, Digital media, Graphic design, Interactive media, Interface design, Mixed reality design, Motion graphic design, Scripting and development, Social media, Virtual reality (VR) design.
SAE Creative Media Institute	Bachelor of Games Development (Games Design or Games Programming)	Game Design, Game Programming.
Swinburne University	Bachelor of Games and Interactivity	3D modelling and animation, Audio and video production, Game design, Games development, Games technology, Narrative design, User experience design.
	Bachelor of Games and Interactivity / Bachelor of Animation	2D and 3D production techniques for animation, 3D modelling for objects and environments, Acting for animation, Action analysis and locomotion, Behaviour and motivation in games, Character and environment design, Character animation, Development and pre-production, Digital game prototyping, Genre and the moving image, History of animation, Pervasive game design, Physics of games and animation, Principles of game design, Production and post-production, Production management for animation, Screen writing, Sound design and acquisition, User-centred design and evaluation, Writing and directing for animation, Writing for interactive narratives.
	Bachelor of Games and Interactivity / Bachelor of Computer Science	Artificial intelligence, Cybersecurity, Data science, Games and interactivity, Games development, Internet of Things, Software development.
	Diploma of Digital and Interactive Games	2D animation, 2D concept art, 3D animation and modelling, Digital imaging, Game theory and design, Games development, Project management.



Snapshot of Macquarie University in 2022

- Whilst only 50 years old, Macquarie 40,000 students and 2000 staff
- Based in Sydney, the campus in one of the largest business and technology precincts in the southern hemisphere, creating a hub of innovation and excellence.
- Macquarie University is the only university in Australia with its own metro station.
- In terms of rankings, Macquarie is:
 - ✓ Ranked among the top 1% of world universities in the world (QS World University Rankings, 2020 and Times Higher Education World University Rankings, 2021)
 - ✓ Ranked #12 in Australia and #195 in the world (Times Higher Education World University Rankings, 2021)
 - ✓ Ranked #9 in Australia for employability (QS Graduate Employability Rankings, 2020)
 - ✓ Australia's best employability program: Bachelor of Arts (2020 AFR Higher Education Award)
- Over 130 Macquarie researchers are ranked in the top 1% of researchers in the world.
- Macquarie has four [faculties](#) and many departments within those faculties.
- Macquarie has a couple of unique departments, including -
 - [Department of Security Studies and Criminology](#)
 - [Department of Accounting and Corporate Governance](#)
 - [Australian Institute of Health Innovation \(AIHI\)](#)
 - [School of Mathematical and Physical Sciences](#)
 - [Applied BioSciences](#)
- Macquarie offers a wide selection of both [undergraduate courses](#) and [postgraduate courses](#)
- An extensive range of [scholarships](#) are offered to both future students and current students
- As with all leading universities, Macquarie offers excellent [Exchange and overseas opportunities](#) to students.
- There are a range of clubs and [sporting](#) facilities available to students.
- Macquarie has a range of [accommodation](#) options to suite the various preferences of students.

