St Bede's College
Careers Newsletter No. 6 - 2022

Dates to Diarise in Term 3

- **University / TAFE Open Days 2022** – throughout August
- **Year 12 VTAC timely applications** – throughout August and September
- **VTAC SEAS and Scholarship applications** – throughout August and September

University **Early Entry Programs for 2023**

News from Australian Catholic University

Students keen on studying at ACU, are encouraged to register for one or more of the upcoming events.

ONLINE WEBINARS	DATE	TIME	REGISTRATION
ACU Guarantee Application Process	Tuesday 26 July	6.00pm – 6.30pm	Register here
ON-CAMPUS WORKSHOPS	DATE	TIME	REGISTRATION
Discover ACU (Melbourne Campus)	Tuesday 28 June	10.00am – 2.00pm	Register here
Discover ACU (Ballarat Campus)	Thursday 30 June	10.00am – 2.00pm	Register here

News from Monash University

➢ **Business Explorer Program**

The **Business Explorer Program** is open to students in Years 11 and 12 who are considering studying business at university. *It's a great way to explore the diverse world of commerce through a choice of taster sessions in accounting, banking and finance, economics, actuarial, econometrics and analytics, management, and marketing.*

Students will also have the opportunity to hear insights about life at Uni from current Monash Business School students, as well as alumni working in industry.

Date: Wednesday 29 June 2022
Time: 11.00am – 3.30pm
Location: Monash University, Caulfield Campus

Register by 15 June 2022 at Business Explorer Program.

➢ **Important information on Medicine Interviews**

Students considering applying for direct entry to Medicine in 2023 are urged to take note of the following regarding the interview process:

- Selection interviews for direct entry Medicine will commence in December (7, 8, and 9 December 2022) for Victorian students <u>and</u> the Dean's Rural List applicants nationally
- Further interviews will be held in January 2023 for interstate and offshore domestic students, as well as Victorian students who were not interviewed in December 2022 but who have become eligible following the release of the ATAR results
- Invitations to December interviews will be based on the UCAT and the UCAT score required to be eligible to be considered will be 2900*****
- Students who do not receive an interview in December should not remove medicine from their VTAC preferences as they may meet the threshold to be invited to attend an interview in January.
- Interviews will be held virtually.
- Offers of a place in medicine will be based on equal weighting of UCAT, ATAR, Interview and will be made in the January 2023 offer round.

This information, as well as additional details in relation to the admission process, can be found online and there is also a very helpful FAQs .

For students interested in pursuing **Graduate Entry Medicine**, the Faculty of Science has developed a *new* online resource to help with understanding the progression and process.

*NOTE: The UCAT cut-off score from a preceding year is indicative only and will change with each intake depending on the distribution of scores and the number of applicants applying to Monash each year. Therefore, the cut-off score may change for each cohort.

➢ **Psychology (Honours) Update**

From 2023, the Bachelor of Psychology (Honours) program is changing to a three-year Bachelor of Psychology. The Psychology honours one-year program will still be available for direct application at the completion of the three-year program.

MONASH University

Upcoming Monash Events

➢ **Discover Monash Seminar Series**

Hear directly from current students, alumni, and staff across our ten faculties. Students are encouraged to register to attend as many of these course information events that might be of interest to them. Below are seminars taking place from June to August.
<u>Note</u>: some are ZOOM meetings******

Discover Advanced Science Degrees	Wednesday 1 June, 6.30pm – 8.00pm	Register here
Discover Bachelor of Business: A world of possibilities	Monday 4 July, 1.15pm – 1.45pm	Register here
Discover Monash Engineering	Thursday 7 July, 6.30pm – 7.30pm	Register here

Discover Monash I.T.	Tuesday 19 July, 6.30pm – 7.30pm	Coming soon
Discover Bachelor of Arts	Thursday 4 August, 6.30pm – 8.00pm	Register here
Discover Law at Monash	Tuesday 9 August, 6.00pm – 6.45pm**	Register here
Discover Media Communication	Thursday 11 August, 6.30pm – 8.00pm	Register here
Discover where a Science degree can take you	Wednesday 17 August, 6.30pm – 8.00pm	Coming soon
Discover Criminology	Thursday 18 August, 6.30pm – 8.00pm	Register here
Discover Global Studies	Thursday 25 August, 6.30pm – 8.00pm	Register here

> ➢ **Campus Tours – Winter Holidays**

Get a feel for what it's like to study on campus. Students keen on studying at Monash University are recommended to register for one or more of the upcoming campus tours.
Register at Campus Experience.

Clayton Campus Tour	Monday 4 July, 10.00am – 11.30am
	Tuesday 5 July, 2.00pm – 3.30pm
	Wednesday 6 July, 10.00am – 11.30am
	Thursday 7 July, 10.00am – 11.30am
	Thursday 7 July, 2.00pm – 3.30pm
Caulfield Campus Tour	Monday 4 July, 2.00pm – 3.30pm
	Tuesday 5 July, 10.00am – 11.30am
Peninsula Campus Tour	Wednesday 6 July, 2.00pm – 3.30pm

> ➢ **Monash Information Evenings**

Monash Information Evening: STEM	Tuesday 12 July, 6.30pm – 8.00pm	Register here
Monash Information Evening: Health	Tuesday 19 July, 6.30pm – 8.00pm	Register here
Monash Information Evening: HASS	Tuesday 26 July, 6.30pm – 8.00pm	Coming soon
Monash Information Evening: General	Thursday 25 August, 6.30pm – 8.00pm**	Register here
Monash Information Evening: General	Thursday 13 September, 6.30pm – 8.00pm	Coming soon

Note: some are ZOOM meetings**

Accounting and Business Information Technology (Professional)

The Bachelor of Accounting and Business Information Technology (Professional) is a prestigious industry degree highly integrated with the real world to maximise your employment outcomes.

In this practical and hands-on course, students will:
- Explore how people, information, computers, networks, and processes come together to create cohesive business solutions.
- Learn how to use accounting systems to record and analyse business activities, prepare financial statements and management reports, and employ financial statements to guide investment decisions.
- Understand how to use information from financial accounting systems to develop operating strategies and evaluate business performance.

- Gain skills in designing, building, and implementing software solutions, analysing existing systems, and recommending solutions to address the information needs of organisations.

Leading Australian organisations are involved in the design of this course and in the professional development students. Industry partners *include Deloitte, EY, NAB, PwC, Pitcher Partners, Siemens, Unico,* and *Viva Energy.*

In the final year, there is a Business Information Systems Industry Project whereby students team up with other students to work on a real project briefed to them by an industry partner.
Find out more at [Bachelor of Accounting and Business Information Technology (Professional)](#).

Aviation at Swinburne

Working in air transport means viewing the world from a whole new perspective. Swinburne University offers courses in **[*aviation management*](#)** as well as **professional piloting**. Over and above these two courses, Swinburne also offers the **[*Qantas Future Pilot Program*](#)** and **Jetstar cadet pilot training**.

Find out more at [Aviation at Swinburne](#).

News from Deakin University

> **Deakin Virtual Open Day**

Students keen on finding out more about studying at Deakin University, are encouraged to participate in its [Virtual Open Day](#) on Sunday 5 June 2022, from 9.00am – 4.00pm.
Participants will get to *watch info sessions on courses and Uni life*, take *virtual campus tours*, ask questions in live Q&A, and win awesome prizes. Students should visit the link provided and register to find out more about the Virtual Open Day.

> **Bachelor of Software Engineering (Honours)**

The [Bachelor of Software Engineering (Honours)](#) course arms students with the skills needed to build disruptive technologies that create change, making graduates a sought-after expert ready to solve tomorrow's business problems through creative computing solutions. Students get to explore a broad range of exciting study areas, including *robotics, algorithms, programming, and software architecture*, and apply their skills in world-class facilities.

An interesting component of the course is that students can select one of the following minor sequences as part of their course:
- [Artificial Intelligence](#)
- [Cloud Technologies](#)
- [Cyber Security](#)
- [Data Science](#)
- [Game Design](#)
- [Virtual and Augmented Reality](#)

BMW NextTech Program

NextGen and BMW are hiring for the BMW NextTech Program. NextTech is an industry leading and modern accelerated three-year apprenticeship program developed in partnership between BMW Group Australia and NextGen Jobs. This is not just another automotive apprenticeship, NextTech is at the forefront of automotive technician development and where traditional methods meet the future of technological industry advancement.

This is a FANTASTIC opportunity for young people who want to get into the automotive industry.

Students keen on finding out more are advised to watch this [YouTube clip](#), and browse the following link - [NextGen Jobs](#).

Diploma of Event Management/Live Production

The [Diploma of Event Management](#) has been developed with a strong focus on experiential learning at *festivals, conferences and stadium productions*. Students work closely with industry experts to gain the skills and knowledge needed to create, develop, and stage special events while coordinating a team in an efficient and productive manner.

Students are involved with the production of the Victorian State Schools Spectacular, held annually at Melbourne Arena, as well as large scale cultural events, including:

- Local government major community events
- Melbourne Cup Carnival
- Major exhibitions, trade shows and conferences
- VineHop Festival
- Seven Sisters Festival

After successful completion of the course, graduates will have developed the contacts and obtained the valuable experience that can open the doors to a successful career in event management. Holmesglen graduates have gone on to work for events such as the St Kilda Festival, Melbourne Spring Fashion Week, Australian Open, Melbourne Cup Carnival, White Night, major music festivals, business conferences and venues.

Teach The Future. Make An Impact with a Career in Teaching

We're looking for 4,000 new teachers. Are you in? There has been major investment in making sure

teachers have better pay, greater professional development possibilities and more diverse career opportunities than ever before. If you're thinking about a career in teaching, now is the time.

Whether it's about *learning about the benefits of becoming a teacher*, or finding out more about the *teaching courses* on offer, and/or *pathways to becoming a teacher*, students are encouraged to browse **Victorian Government - Teach The Future**.

News from Victoria University

➤ **Undergraduate Information Series**

VU has put together a series of informative *videos* that cover course details and highlights from a number of its Undergraduate courses. These videos are a great resource as they provide students information on a particular course. Each video is approximately 15-20 minutes in length and include insights from academics and current students. They also cover placement opportunities, the VU Block Model, and pathways information.

Currently published videos cover:

Creative Arts, Business, Community Development and Criminal Justice, Education, Engineering and Built Environment, Law and Legal Services, Sport Science, Fitness, Physical Education, Exercise Science, and Sports Management, and Youth Work and Social Work.

More videos will be uploaded throughout the year covering even more areas of interest.

Visit Undergraduate Information Sessions to watch.

➤ **Podcasts**

Kim Whitty at Roadmap Education teamed up with VU to create a couple of *podcasts* to give a student and academic perspective on their course, as well as some great tips for current VCE students.

Declan - Bachelor of Exercise Science (Sport Practice) - Ep 44
Dr Marc C-Scott - Screen Media and Animation and Visual Effects - Ep 42
Tayla - Medical Science and Paramedicine - Ep 41
Mark - Osteopathy - Ep 40
Oliver - Criminal Justice - Ep 46

What does a Clinical Neuropsychologist do?

A clinical neuropsychologist specialises in the assessing and diagnosing of brain impairment and how this affects thinking skills, emotions, behaviour and personality. These specialists are also involved in the rehabilitation and management of the effects of brain impairment and often work with other health professionals.

To find out more about a career as a Clinical Neuropsychologist, visit [Clinical Neuropsychologist](#).

What is a Freelance Journalist?

A freelance journalist is a writer who is self-employed. They complete contract work, single pieces or regular assignments for newspapers, magazines, companies, and other organizations. They often sell their services or work by the piece, by the hour or by the day—sometimes freelance journalists even sell their work by the word. In other words, a freelance journalist is not committed to one employer long-term and works independently.

Virtual Tours of Bond University

Bond University has made available two *virtual tours* that may be of interest to some students.

- [Campus Tour](#) – hosted by current Bond students

- [Tour of the Bond University Sports Centre](#) – hosted by an elite swimmer attending Bond

News from Victoria University

➢ **VU Guaranteed: Victoria University's Early Entry Program**

Guarantee your place at Victoria University (VU) or VU Polytechnic, prior to completing Year 12. Students can apply for VU Guaranteed (VUG) if you are a Victorian Year 11 or Year 12 student studying VCE, school-assessed (unscored VCE), VCAL and IB.

Successful VUG applicants can enjoy:
- ✓ a guaranteed place at VU or VU Polytechnic

- ✓ free access to EdUnlimited practice exams, topic quizzes and study notes
- ✓ 5 bonus aggregate ATAR points for most courses that consider ATAR as part of the admission criteria**
- ✓ tailored advice and a personalised course plan once results are released

**Excluding the Bachelor of Education (P-12)

Students should note that they still need to satisfy the admission requirements and prerequisites for the courses they preference in VTAC or apply for directly. Students who do not meet the admission requirements, will be guaranteed a place in an alternative course designed to help them achieve their goals.

Applications have now opened online at [Victoria University's Early Entry Program](#).

➢ **Bachelor of Outdoor Leadership**

VU's [Bachelor of Outdoor Leadership](#) prepares graduates for rewarding work - with a focus on building practical skills and industry connections. VU's partnership with [The Outdoor Education Group (OEG)](#), gives paid internship opportunities for students, who work part time for the second and third year of their degrees as part of the internship stream. When students graduate, there is an exciting opportunity to apply for a two to three-year full-time contract with OEG.

UNSW Co-op Program 2023

Set up by industry and the **University of New South Wales (UNSW)** the *Co-op Program* provides career development scholarships for high achieving undergraduate students, offering *industry training, leadership, and professional development, networking opportunities, mentoring* and *financial support.*   The scholarships are offered in the fields of Business, Science, and Engineering.

The ***UNSW Co-op Program*** is open to Year 12 students entering university for the first time, or those commencing university for the first time after a gap year. Candidates for scholarships are not only selected on their academic ability, but also their communication skills, motivation, leadership potential, and passion for their chosen field of study. Any student expecting an ATAR above 95.00 should consider applying.

What do students gain?

- Up to 18 months of relevant industry experience with multiple companies during their degree
- Financial support of $78,400 tax free over four years
- Leadership and professional development training
- Mentoring and support offered throughout their degree
- Career planning
- Opportunities to network with leading employers and make valuable contacts within your industry

Joining the Co-op community at UNSW enables you to form life changing connections and opens up a world of opportunities. As a scholar, not only do you gain academic and professional insight from alumni, older scholars, and the broader Co-op community, you also start forming your professional and social network from day one.

Applications have opened and close on 30 September 2022. Students can visit [UNSW Co-op Program](#), call (02) 9385 5116 or e-mail [cooprog@unsw.edu.au](#) for more information.

Physiotherapist, Chiropractor, Osteopath and Myotherapist

What is the difference? In November 2020 an article by Charlotte Ganderton and Matthew King was published on the [ABC website](#) addressing this very topic, and the fact that all four types of therapy come highly recommended to assist people in managing their aches and pains. To sum up the article –

In Australia, ***physiotherapists, osteopaths,*** and ***chiropractors*** have extensive university training and are registered with the Australian Health Practitioner Regulation Agency [(AHPRA)](#). Myotherapists complete an advanced diploma or bachelor's degree in myotherapy or "musculoskeletal therapy" but are not registered with AHPRA.

The article goes on to state that a [physiotherapist](#) assesses your problem, provides a diagnosis, and helps you understand what's wrong while considering your general health, activities, and lifestyle. The physiotherapist treats your complaint with a variety of "active" therapies, such as exercise programs and hydrotherapy.
A [chiropractor](#) works on the diagnosis, treatment and prevention of mechanical disorders of the muscles, ligaments, tendons, bones and joints, and the effect on the nervous system.
They have an emphasis on passive manual treatments, including joint and soft-tissue manipulation, and spinal adjustments. They may [also prescribe exercises to help you rehabilitate from your condition](#) as well as provide dietary advice.
An [osteopath](#) focuses on the muscular and nervous systems, assessing the structure of the body to determine its impact on function. Treatment involves a combination of active and passive therapies, including joint manipulation and mobilisation, massage, as well as postural advice and exercise programs.

Finally, a [myotherapist](#) works to assist your aches and pains by focusing on the muscles and joints. They offer a range of mostly "hands-on" treatments including dry needling, massage, and joint mobilisation, but can also prescribe exercises.

Students can access the full article at [Physiotherapist, chiropractor, osteopath and myotherapist: what's the difference and which one should I visit?](#)

Difference between a Bachelor of Laws and the Juris Doctor

The Good Universities Guide provides a useful summary of the many types of law degrees that one can study for in Australia. Two such courses are:

Bachelor of Laws (LLB) -
The Bachelor of Laws is typically a 4-year degree and is open to school leavers with a high enough ATAR (or equivalent) score. This *undergraduate* degree fulfills the academic side of qualifying for admission into legal practice.

*An undergraduate is someone who has no tertiary qualification

Juris Doctor (JD) -
The Juris Doctor is a *postgraduate* degree that typically takes 3 years. It is equivalent to enrolling in a LLB as a graduate*****. The main advantage of a JD over a LLB is that programs are designed to suit graduate students. Students should note though, that the JD normally costs far more than the LLB as, apart from generally higher tuition fees, postgraduate status means students miss out on government financial concessions for undergraduate study.

*A graduate is someone who has a degree

Students are encouraged to browse Top Law Schools and Degrees in Australia to learn more.

Aviation Courses in Victoria in 2022

The aviation industry is not only about pilots and flight attendants, but also includes aircraft manufacturing, ground crew, management, customer service, cargo and logistics…the list goes on.
An interesting website to browse can be found here. Below are a number of courses offered in Victoria. **For a comprehensive list of all courses, their majors, and double degrees on offer, visit VTAC.**

INSTITUTION	COURSE	MAJOR STUDIES IN 2022
RMIT	Associate Degree in Aviation (Professional Pilots)	Aircraft general knowledge, Aviation, Aviation (commercial pilot licence), Aviation (flight rules and air law), Aviation (general navigation), Aviation (instructor rating), Aviation (instrument rating), Aviation (instrumentation and control), Aviation (law), Aviation industry environment, Aviation quality systems, Flight training.
	Applied Science (Aviation- Pilot)	Aviation, Piloting.
	Applied Science (Aviation) *Two specialised streams:* *a) Aviation operations and management* *b) Piloting*	Aviation, Aviation management, Aviation operations.
	Applied Science (Aviation)/Business (Management)	Aviation, Aviation Operations, Aviation management, Management.
SWINBURNE	Aviation	Aerodynamics and jet aircraft performance, Air Transport Pilot Licence theory, Airline operations, Airspace management and air traffic services, Aviation business management, Aviation human factors, Aviation safety management systems, Commercial pilot licence, Multi-engine command instrument rating.

	Aviation and Piloting	Aerodynamics and jet aircraft performance, Air Transport Pilot Licence theory, Airline operations, Airspace management and air traffic services, Aviation business management, Aviation human factors, Aviation safety management systems, Commercial pilot licence, Multi-engine command instrument rating.
	Aviation Management	Air traffic services, Aircraft design and operations, Aircraft maintenance, Airline planning and operations, Airport management, Airspace management, Aviation business management, Aviation marketing, Aviation regulation and operation, Flight planning and performance, Project management.
	Aviation/Business	Accounting, Air transport pilot licence theory, Aircraft aerodynamics and performance, Aircraft design and operations , Airspace management and air traffic services , Aviation business management, Aviation human factors, Aviation regulation and operation, Aviation safety management systems, Business administration, Business analytics and analysis, Commercial pilot licence, Entrepreneurship and innovation , Finance , Financial planning, Human resource management, Information systems, Logistics and supply chain management, Management , Marketing, Multi-engine command instrument rating.
	Aviation and Piloting/Business	Accounting, Aerodynamics and jet aircraft performance, Air Transport Pilot Licence theory, Airline operations, Airspace management and air traffic services, Aviation business management, Aviation human factors, Aviation safety management systems, Business administration, Business analysis, Business analytics, Commercial pilot licence, Entrepreneurship and Innovation, Finance, Financial planning, Human Resource Management, Logistics and supply chain management, Management, Marketing, Multi-engine command instrument rating.
	Aviation Management/Business	Accounting, Air traffic services, Aircraft design and operations, Aircraft maintenance, Airline planning and operations, Airport management, Airspace management, Aviation business management, Aviation human factors, Aviation marketing, Aviation regulation and operation, Aviation safety management systems, Business administration, Business analysis, Business analytics, Entrepreneurship and innovation , Finance, Financial planning, Flight planning and performance, Human resource management, Logistics and supply chain management, Management, Marketing.
WILLIAM ANGLISS INSTITUTE	Aviation (Cabin Crew)	Customer Service on an Aircraft, First Aid, Inflight food and beverage service, Pre-flight customer service, Responsible Service of Alcohol, Safety and security.

Chiropractic, Osteopathy & Remedial Massage Courses in 2022

According to the **Good Universities Guide** –

Chiropractors diagnose and treat health problems related to the nervous, muscular and skeletal systems, particularly the spine, without the use of drugs or surgery. They adjust patients' spine or other joints to correct joint dysfunctions interfering with proper nervous system control and integration of body function.

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.   They treat patients using a variety of manual techniques, such as soft tissue

stretching, muscle relaxation, gentle mobilisation or manipulation

Massage Therapists *assess and treat the soft tissue of the body for therapeutic purposes. They administer treatments to promote relaxation, improve blood circulation and relieve muscle tension.*

There are courses in Victoria that prepare students for careers in these three disciplines, and some of these are listed below. For a comprehensive list of these offered by all institutions, as well as similar courses, browse **VTAC.**

INSTITUTION	COURSE	VCE REQUIREMENTS	ATAR 2022
Chisholm TAFE	Remedial Massage	Satisfactory completion of a Year 12	n/a
Endeavour College of Natural Health	Remedial Massage	Satisfactory completion of a Year 12	n/a
TAFE Gippsland	Remedial Massage	Satisfactory completion of a Year 12	n/a
RMIT	Chiropractic	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	62.20
	Osteopathy	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	60.15
	Remedial Massage	Satisfactory completion of a Year 12	n/a
Victoria University	Osteopathy	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, any Mathematics or Physics.	62.95

Physiotherapy Degrees in Victoria in 2022

Physiotherapists assess, treat and prevent disorders in human movement caused by injury and disease - Good Universities Guide - Physiotherapist

Physiotherapy is currently offered at the following Victorian Universities –

UNIVERSITY	VCE REQUIREMENTS	ATAR 2022
ACU B – Ballarat	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 Biology, Chemistry or Physics.	**94.05 (B)**
Charles Sturt AW – Albury-Wodonga	No VCE prerequisites but maths and science subjects an advantage, and the ATAR is used as part of selection	**n/a (AW)**
Federation G – Gippsland	Units 3 and 4: a study score of at least 25 in any English; Units 1 to 4: satisfactory completion in one of Biology, Chemistry, Health And Human Development, Physical Education or Physics.	**80.40 (G)**
La Trobe B – Bendigo M – Melbourne	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, Physical Education or Physics.	**97.50 (B)** **96.35 (M)**
Monash P – Peninsula	Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; Units 3 and 4: a study score of at least 25 in two of Biology, Chemistry, Maths: Mathematical Methods, Maths: Specialist Mathematics or Physics.	**96.95 (P)**
Uni Melbourne P – Parkville **Through Biomedicine*	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. *	**98.10 (P)**
**Through 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 one of Maths: Mathematical Methods (any) or Maths: Specialist Mathematics; and a study score of at least 25 in one of Biology, Chemistry or Physics. --OR-- 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 (any) and Maths: Specialist Mathematics. **	**98.00 (P)**
VU FP – Footscray Park	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 Biology, Chemistry, Maths: Mathematical Methods, Maths: Specialist Mathematics or Physics.	**95.20 (FP)**

Computer Science Degrees in Victoria in 2022

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 2022
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. **2022 ATAR: 63.90 (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. **2022 ATAR: 58.75 (M)**	Artificial intelligence, Cloud analytics, Data science, Software engineering.
MONASH 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. **2022 ATAR: 84.15 (Cl)** **Note:** Monash also offers the Bachelor of Computer Science Advanced (Honours) at the Clayton Campus with the same prerequisite VCE subjects and ATAR 95.70	Algorithms and data structures, Artificial intelligence, Computational science, Computer architecture, Computer graphics, Computer programming, Computer science, Computing theory, Data science, Databases, Distributed systems and applications, Information and communication technology, Information technology, Machine learning, Programming, Software development, Systems development, Web and mobile 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. **2022 ATAR: 75.05 (C)**	Agile Software engineering, Algorithms and data structures, Artificial intelligence, Big Data, Cloud computing, Computer and network security, Data Science, Databases, Enterprise systems, Internet, Machine Learning, Networks and data communications, Operating systems, Problem solving, Programming, Programming (.Net, Java, C++), Security, User-centred design.
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 any Mathematics. **2022 ATAR: 58.50 (H)** **2022 ATAR: 70.40 (H) ****	Artificial intelligence, Cybersecurity, Data science, Games development, Internet of Things, Software development.

Information Technology Degrees in Victoria in 2022

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 2022	MAJOR STUDIES IN 2022
CQU M - Melbourne	Units 3 and 4: a study score of at least 25 in any English. **2022 ATAR: n/a**	Application Development, Business Analysis, Cyber Security.
DEAKIN M – Melbourne G – Geelong Waurn Ponds	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. **2022 ATAR: 60.45 (M) 62.00 (G)**	Animation (games), Application development, Computer and network security, Computer networks, Computer programming, Creative technologies, Cyber security, Cyber security network operations, Databases, Distributed systems and applications, Embedded systems, Game design and development, Game programming, Games development, Information technology, Network and cloud technologies, Networking, Networking and cloud computing, Object-oriented design, Object-oriented programming, Operating systems, Programming, Project management, Security management, Software development, Systems and networks, Virtual and augmented reality, Web applications programming, Web design.
FEDERATION B – Berwick G – Gippsland Ba – Ballarat	Units 3 and 4: a study score of at least 20 in any English. **2022 ATAR: n/a (Be), n/a (Gi), n/a (Ba)**	Big Data and Analytics, Business Information Systems, Cloud and Enterprise Computing, Networking and Security, Software Development.
LA TROBE M – Melbourne B - Bendigo	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. **2022 ATAR: 55.25 (M) 57.85 (Be)**	Artificial intelligence, Cloud analytics, Data Science, Information systems, Information technology, Network engineering, Software engineering.
MONASH C - Clayton	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) or at least 25 in English other than EAL. **2022 ATAR: 80.05 (Cl)**	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 development (minor), Software development, Software engineering (minor), Web development (minor).
RMIT C - City	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. **2022 ATAR: 65.10 (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 H - Hawthorn	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL). **2022 ATAR: 55.40 (H)**	Information technology, Network technology, Software technology.
VICTORIA F – Footscray Park	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. **2022 ATAR: n/a (FP)**	Network and system computing, Web and mobile application development.

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