



Dates to Diarise in Term 2

- Victorian Careers Show 2022 – 12 to 14 May
- Victorian Law Week 2022 – 16 to 22 May

News from Federation University

➤ New Bachelor of Sustainable Food Systems

Food sustainability is the study of food security, health, safety, quality and affordability, influenced by climate change and the environment.

This unique *new* degree was developed in collaboration with food industry partners to fulfill the need for food specialists in Australia. The first half of the degree embeds a Diploma of Food Science and Technology to develop a student's knowledge and core practical skills across food testing, quality, and sustainability. In the second half of the degree, students pursue an interest by selecting one of *Food Processing* or *Sustainable Food Production*, as well as undertake an industry placement providing valuable and relevant workplace experience.

Find out more at [Bachelor of Sustainable Food Systems](#)



Cyber Security Courses at VU

In Term 1, the *new* [Bachelor of Cyber Security](#) was profiled. VU also offers the following options –

1. [Certificate IV in Cyber Security](#) – students develop the knowledge and skills to work in one of the fastest growing sectors, the cyber security and IT industry. They develop skills that involve a blend of problem solving, critical thinking, collaboration, data analytics, cloud-based networking, scripting, privacy, and ethics.
2. [Advanced Diploma of Cyber Security](#) – a 1-year course suitable for students who already have a strong understanding of cyber security concepts or are looking to pursue a career in the IT industry.

Note: Students can pathway into the Bachelor of Cyber Security from the Advanced Diploma of Cyber Security, with credit.

➤ **Bachelor of Business: Social Impact Major**

Distinguish yourself in the field of socially responsible business. In this major learn about how businesses can become more socially aware and take concrete action to address social issues and challenges.

Students keen on a business qualification and are keen on using their business practice to solve societal issues and making a positive contribution to society, might like to consider the **Social Impact** major – RMIT is currently the only university in Australia offering this specialisation. This major covers the following units –

- ✓ [Social Enterprise and Innovation](#)
- ✓ [Law, Business and Human Rights](#)
- ✓ [Development Economics](#)
- ✓ [Global Business Sustainability Project](#)
- ✓ [Sustainable Finance and Investment](#)
- ✓ [Integrated Reporting for Socially Responsible Entities](#)

Find out more about the Bachelor of Business [here](#).

➤ **Diploma of Visual Arts**

When you study visual arts at RMIT, you'll create a professional folio of work. This diploma is taught by practicing artists in real studio environments. All our staff are practitioners with national and international reputation in the arts. This enables them to connect you to work on projects with industry, other practicing artists, and galleries.

This one-year program is taught in specialised studios specifically designed for each of the specialisation areas. The core subjects are:

- Establish and maintain safe professional practice
- Prepare for sustainable professional practice
- Analyse cultural history and theory
- Refine drawing
- Realise a body of creative work
- Present a body of your own creative work

Students must also choose three of the following studio specialisations:

fine art photography OR painting OR sculpture OR printmaking

There are no minimum academic entry requirements for this program. Students must be 16 years or over and must complete and submit the Selection Task.

On completion of the [Diploma of Visual Arts](#), students can transition to the [Advanced Diploma of Visual Arts](#). This is also a one-year qualification, which allows students to further investigate their creative practice with a more specialised focus.

➤ **Fashion Textiles and Sustainable Innovations**

Technology innovations and improved environmental, social and ethical practices are fundamentally changing how clothes are made, consumed and experienced: from the integration of 2D and 3D virtual fashion and textile design and digital production methods, to material innovations, smart textiles, and the need for improved transparency.

The [Bachelor of Fashion and Textiles \(Sustainable Innovation\)](#) provides students with the capability to work in diverse roles across the fashion and textiles sector. Students will gain practical, theoretical, and technical skills to develop solutions, products and systems, using user-centred approaches at the intersection of design, technology, science, and art.

In this cutting-edge degree, students will delve into sustainability as a concept and goal within fashion and textiles. They will explore industry-relevant knowledge and projects, ethical and sustainable practices, and material and digital technologies. Students will also have the opportunity to minor in either fashion design, textile design, or fashion enterprise.

The VCE prerequisite for this course is: Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. The ATAR for 2022 was 67.65.



Bachelor of Business (Entrepreneurship and Innovation)

Entrepreneurs are innovators. They see opportunities, anticipate needs, solve problems, make plans, take risks, and build teams.

Whether students are hatching an idea, wanting to know how to launch their own venture, or looking to create competitive advantage within an existing organisation, the [Entrepreneurship and Innovation](#) major within the Bachelor of Business provides the tools and knowledge.

With plenty of hands-on learning, students will develop the type of fresh thinking required to *build, launch, and scale a start-up business or social venture.*

Students will discover how to differentiate an idea from a real opportunity, use innovation theory to maximise that opportunity, and learn how to create desirable, viable business models. They will also develop their strategic thinking and planning skills, explore business models, learn to interpret sales and marketing opportunities, build a team and source capital funding.

A guaranteed ATAR of 60.00 is required, and the VCE prerequisites are: VCE Units 3 and 4 – a minimum study score of 25 in any English (except EAL) or 30 in English as an Additional Language (EAL) or equivalent.



Civil Engineering Degrees in Victoria in 2022

Civil engineers plan, design, construct, operate and maintain roads, bridges, dams, water supply schemes, sewerage systems, transportation systems, harbours, canals, dockyards, airports, railways, factories and large buildings. They may perform some of the following tasks*:

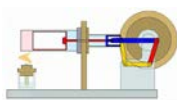
- investigate sites to work out the most suitable foundation for a proposed construction
- research and advise on the best engineering solution to meet a client's needs and budget
- produce detailed designs and documentation for the construction and implementation of civil engineering projects
- organise the delivery of materials, plant machinery and equipment needed for the construction project and supervise labour
- analyse and interpret reports on loading, labour, productivity, quality, materials and performance
- analyse risks associated with natural disasters including wind, earthquake, fire and floods, and design structures and services to meet appropriate standards
- arrange for geological and geophysical investigations and carry out feasibility studies

* [Good Universities Guide - Civil Engineering](#)

Universities in Victoria that offer undergraduate degrees in Civil Engineering include -

INSTITUTION	VCE REQUIREMENTS	ATAR 2022
Deakin University G – Geelong Waurn Ponds Campus 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.	68.75(G) 69.20 (M)
Federation University G – Gippsland Campus MH – Mount Helen Campus	Units 3 and 4: a study score of at least 20 in Maths: Mathematical Methods or at least 20 in Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 20 in any English.	n/a (G) n/a (MH)
La Trobe University M – Melbourne Campus Be - Bendigo	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.	65.25 (M) 79.05 (Be)
Monash University C – Clayton Campus	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics.	86.00 (C)
RMIT University C/B – City & Bundoora 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 one of Maths: Mathematical Methods or Maths: Specialist Mathematics. Bachelor of Engineering (Honours) ^^ accepts 20 in any Maths	78.10 (C/B) 73.00 (C) ^^
Swinburne University 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 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	70.00 (H) 77.05* (H)
Victoria University FP – 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.	n/a (FP)

Visit [VTAC](#) for more information on these and other similar courses – including double-degrees.



Mechanical Engineering Degrees in Victoria in 2022

Mechanical engineers plan, design and oversee the development, installation, operation and maintenance of machinery. They conduct research to solve practical engineering problems and improve efficiency - [Good Universities Guide - Mechanical Engineer](#).

Mechanical engineering is offered at the following Victorian Universities –

INSTITUTION	VCE REQUIREMENTS	ATAR 2022
<u>Deakin University</u> G – Geelong Waurin Ponds Campus 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.	68.95 (G) 69.70 (M)
<u>Federation University</u> MH – Mount Helen Campus	Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 20 in any English.	n/a (MH)
<u>Monash University</u> CI – Clayton Campus	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics.	86.00 (CI)
<u>RMIT University</u> C/B – City & Bundoora C – City Engineering (Mechanical) Degree Engineering (Honours) Associate Degree Engineering Technology	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	78.20 (C/B)
	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	73.00 (C)
	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.	40.40 (C)
<u>Swinburne University</u> H – Hawthorn Campus Engineering Degree (Prof) Engineering Degree Associate Degree of Engineering	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	77.05 (H)
	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	70.00 (H)
	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in any Mathematics.	56.35 (H)
<u>Victoria University</u> FP – 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.	n/a (FP)

For a comprehensive list of similar courses, double degrees, and major studies, visit [VTAC](#).

Snapshot of La Trobe University in 2022

- La Trobe is just over 50 years old having enrolled its first students in 1967.
- La Trobe University has been ranked in the world's top 1.1 per cent of the world's universities in the Times Higher Education Universities Rankings and is one of the world's best young universities.
- La Trobe University is now ranked in the world's top 250 universities by Times Higher Education World University rankings 2021 – and in the top 1% of universities worldwide - [Rankings & Ratings](#).
- La Trobe has more than 36 000 students and over 3 000 staff, with many [courses](#) on offer including numerous double degree options, and postgraduate courses too.
- La Trobe has a number of [campuses](#) and [residential facilities](#).
- Over 50% of students who study at the Bendigo campus come from outside of Bendigo - [La Trobe - Bendigo](#) with over 500 students living on campus - [La Trobe Bendigo Accommodation](#).
- La Trobe offers many [scholarships](#) including access and equity scholarships, as well as academic merit scholarships.
- [Student Exchange](#) opportunities are extensive at La Trobe.
- La Trobe ensures that there are opportunities for students to develop skills beyond the knowledge they are gaining at university through work experience, volunteering, and student exchange opportunities, etc.
- The excellent [Global Markets Accelerator Program](#) is one example of aiding entrepreneurial students in connecting with markets beyond Australia.
- La Trobe has the following [Schools and Departments](#):
 - La Trobe Business School
 - La Trobe Law School
 - La Trobe Rural Health School
 - School of Agriculture, Biomedicine and Environment
 - School of Allied Health, Human Services and Sport
 - School of Applied Systems Biology
 - School of Cancer Medicine
 - School of Computing, Engineering and Mathematical Sciences
 - School of Education
 - School of Humanities and Social Sciences
 - School of Nursing and Midwifery
 - School of Psychology and Public Health
- La Trobe's [Student Excellence Academy](#) provides life changing support and enrichment opportunities that expand current study and employment advantages to students.
- La Trobe also offers an Early Admissions program called Aspire. This program is designed to acknowledge secondary students who work hard to make positive changes in their schools and communities through volunteering. The Aspire Early Admissions Program acknowledges a student's volunteering efforts when they apply. As a successful applicant, students receive an offer into their course in September before they receive their ATAR - [Aspire Early Admissions Program and are eligible for one of 40 Aspire Scholarships](#).
- Recently introduced courses include archaeology, business analytics, innovation and technology, languages and linguistics, sports analytics.
- There has also been a recent *restructure* of some courses offered in Allied Health - [Health](#).