

WONTHAGGI SECONDARY COLLEGE

CAREERS NEWSLETTER 13 May 2019



Dates to Diarise in Term 2

- **Law Week** – 13 to 19 May 2019, various locations



Law Week 2019

There's something for everyone during Law Week this year! **Law Week** is an annual festival of events which makes learning about the law easy. There are over 200 events across the state to inform and entertain students. There will be *performances, behind the scenes tours, information sessions*, and plenty of other activities. This year, Law Week will take place **Monday 13 - Sunday 19 May 2019**. Check out the Law Week program at [Law Week 2019](#)

UCAT

REMINDER: Entry to Medicine in 2020

Year 12 students planning to apply for any of the **medical university courses** listed at [UCAT - University Courses](#), are reminded that registrations and scheduling of the test date for the [UCAT \(University Clinical Aptitude Test\)](#) close on **FRIDAY 17 May 2019**. Please note that both aspects of the process must be met; students should register and schedule their UCAT. The testing dates will be from 1 July – 31 July 2019.



Studying Liberal Arts and Sciences in the USA

Students keen on studying liberal arts and/or the sciences in the USA are encouraged to register for a *free* session hosted by EducationUSA on Wednesday 5 May, from 5.00pm – 7.00pm at Carey Grammar School. Register at [Liberal Arts and Sciences in the USA](#)



New Courses at RMIT in 2020

1. Bachelor of Business (Digital Business)

In an increasingly digitally-led world, it pays to be at the forefront of digital trends, applications and principles. With the [Bachelor of Business \(Digital Business\)](#), students will learn the application of industry-used tools and will develop the essential skills and mindsets in the workplaces of today and the future. This broad curriculum

incorporates *IT strategy and governance, financial technology, digital business transformation, and creativity, innovation and design.*

2. Bachelor of Engineering (Honours)

How do you know what stream of engineering to apply for? In this new degree, students spend their first year of study experiencing the breadth of engineering options available at RMIT University before entering their specialised program in second year with a strong technical foundation. **Of significance importance is that students can also apply with any Unit 3/4 maths.**

Browse [Engineering at RMIT](#)

3. Bachelor of Youth Work and Youth Studies

RMIT is now offering a new [Bachelor of Youth Work and Youth Studies](#), a recently updated three-year full-time course. The updated program prepares students for a range of challenging, but very rewarding roles, exploring complex social issues affecting at-risk youths, such as homelessness, radicalisation, poverty and mental health. The course aims to examine and foster the environments in which all young people can thrive and feel confident, connected and safe.



Australian
National
University

Bachelor of International Security Studies at ANU

Do you see yourself shaping Australia's foreign policy decisions? Or working with elite international organisations like the United Nations or our top spy agencies?

Students who study the [Bachelor of International Security Studies](#) delve deeply into the contemporary security threats facing nations, international organisations and businesses around the world – including the *threat of military power, civil war, terrorism, cybercrime, environmental degradation and food security* to name just a few.

An particular feature of this degree is the opportunity to truly engage with the Asia Pacific region through [dedicated in-country study programs](#). These programs are offered in a number of countries and range in length from a couple of weeks to six months. Both language and non-language opportunities are available so students can tailor-make their adventure of a lifetime. Students who opt to participate in these study programs, will receive a minimum of \$3,000 [funding](#) to help with the costs of study and travel overseas.

This qualification will prepare students for a successful career in government (including [foreign affairs and trade](#), [defence](#), the [Australian Federal Police](#) or intelligence agencies), international organisations (like the United Nations or Amnesty International), or international businesses who face global security issues (such as Boeing and BHP Billiton).

More details regarding this course can be found at [International Security](#).



Career as a Civil Engineer & Degrees offered in Victoria

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 2019
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.	63.40 (G) 71.90 (M)
Federation University G – Gippsland Campus 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 (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 one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	67.95 (M) 67.30 (Be)
Monash University 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; 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.	91.80 (C)
RMIT University C/B – City & Bundoora	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.	85.05 (C/B)
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. Engineering Practice (Honours)^^ accepts 20 in any maths	75.20 (H) 83.55* (H) R.C. ^^
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; and a study score of at least 20 in any Mathematics	n/a (FP)



Electrical Engineering Degrees in Victoria

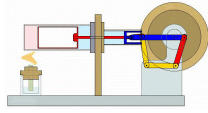
Electrical engineers design, develop and supervise the manufacture, installation, operation, and maintenance of electrical systems. They work on systems for the generation, distribution, utilisation, and control of electric power. They also work on electronic systems used for computing, communications,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

Electrical Engineering involves the design and study of electronics, power, and electrical systems. Electrical Engineering deals with the problems associated with large-scale electrical systems such as power transmission and motor control. So, Electrical Engineers are usually concerned with using electricity to transmit energy.

Read more at [Good Universities Guide - Electrical Engineer](#)

Electrical engineering degrees are offered at several Victorian universities –

INSTITUTION	VCE PREREQUISITE SUBJECTS	ATAR 2019
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.	71.70(G) 74.30 (M)
Monash University Cl – 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; 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.	91.80 (Cl)
RMIT University Electrical Electrical & Electronic Telecommunications C – City Campus	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	80.65 (C)
	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	80.75 (C)
	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.	n/a (C)
Swinburne University Honours Honours (Professional) Engineering Practice Degree H – Hawthorn Campus R.C. – Selection based on range of criteria	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.	75.20 (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.	83.55 (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: Further Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.	R.C. (H)
Victoria University F – Footscray Campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	n/a (F)



Mechanical Engineering Degrees in Victoria

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 2019
Deakin University 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.	67.20 (G) 70.80 (M)
Federation University 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)
Monash University CI – 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; 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.	91.80 (CI)
RMIT University Engineering Degree Associate Degree Engineering Technology 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 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	80.00 (C/B)
	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.	41.80 (C)
Swinburne University Engineering Degree (Prof) Engineering Degree Engineering Practice Degree H – Hawthorn Campus R.C. – Selection based on range of criteria	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.	83.55 (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.	75.20 (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: Further Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.	R.C. (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)



Snapshot of the University of Queensland (UQ) in 2019

- UQ is one of Australia's leading research and teaching institutions
- UQ is one of only three Australian members of the global [Universitas 21](#)
- UQ is consistently ranked well inside the top 100 of more than 10,000 universities worldwide - [International Rankings](#)
- UQ is located in and around Brisbane, and the university has teaching and research sites throughout Queensland, and its major campuses are at St Lucia, Gatton and Herston - [Campuses & Locations](#)
- There are six faculties at UQ, which are responsible for academic programs and decisions regarding a student's pursuit of their academic program - [Faculties](#)
- At UQ students can choose from an extensive range of undergraduate programs, many of which can be "customised" by major – and minor – fields of study. Programs are organised through schools and faculties, but sometimes a student can "mix and match" between them with electives and dual degrees - [Undergraduate Courses & Programs](#)
- UQ has a diverse student exchange program, and students can study overseas for up to one year while gaining credit towards their UQ degree. UQ has over 180 exchange partners in over 40 countries - [UQ Abroad](#)
- Students keen on learning another language can enrol in one of over 30 different language courses through UQ's Institute of Modern Languages - [Institute of Modern Languages](#)
- There are over 120 clubs and societies at UQ, all aimed at expand a student's social life, playing an important role in the UQ student experience - [Clubs and Societies](#)
- Students at UQ are encouraged to undertake experiences beyond the classroom during their degree through the UQ Advantage Program. They participate in a range of co-curricular activities and workshops that help them gain a better understanding of the world and develop key competencies that employers value. It is a great way to get recognition for "non-academic" experiences such as student exchange, mentoring, and undergraduate research programs - [UQ Advantage Program](#)
- UQ has a dedicated website designed for future students to find answers to all the questions they might have about studying at UQ - [UQ Answers](#)
- UQ has some excellent facilities including -
 - * a state-of-the-art multi-purpose learning space for first-year engineering students called the Engineering Learning Centre - [Engineering Learning Centre](#)
 - * the School of Veterinary Science complex - [Veterinary Science](#)
 - * the Pharmacy Australia Centre of Excellence (PACE) precinct which houses the School of Pharmacy - [Pharmacy](#)
- UQ has 10 residential colleges - [Accommodation](#)
- UQ offers a range of scholarship options to make university study more affordable, ranging in value up to \$12,000 per year for the VC Scholarship - [Scholarships](#)