

CAREER NEWS

Friday 13 October 2017



Reminder: VTAC 2018 Key Dates



VTAC Personal Statement	Friday 8 December 2017
ATARs Released	Friday 15 December 2017
Change of Preference (COP) closes	Wednesday 20 December 2017
Main Round Offers	Tuesday 16 January 2018
Further Offer Rounds	Friday 2 February 2018 onwards

For a full list of cancelled, amended, and new courses, visit [VTAC Course Updates](http://www.vtac.edu.au)
www.vtac.edu.au

➤ **Monash Maths Bridging**

Monash Maths Bridging is available for domestic students who narrowly miss the required study score in the mathematics prerequisite subjects for a Monash **Engineering, Science or Business and Economics** undergraduate degree.

Maths Bridging covers the properties of functions and their graphs, calculus processes of differentiation and anti-differentiation, and the application of these properties and processes.

Students will learn

- functions and their graphs and inverse functions
- exponential, logarithmic, and circular functions
- techniques and applications of calculus.

Students will study face-to-face for 16 days, five hours a day. Expert tutors will be there to guide them along their learning journey.

Eligibility

- VCE Students who receive a study score of 20-24 in VCE Mathematical Methods Units 3 and 4. Students must also meet all other entry requirements for a Monash Engineering, Science or Business and Economics undergraduate degree.

Monash Maths Bridging is only accepted by Monash University. It does not provide credit for other institutions. Once students have successfully passed the Monash Maths Bridging course, they will be considered to have met the mathematic prerequisite for selected Engineering, Science or Business and Economics degrees at Monash University. If they meet all other course entry requirements they will be considered for a Round 2 offer into their preferred course.

Program details

Start date	Wednesday 3 January 2018
Final exam	Wednesday 24 January 2018
Marking	Thursday 25 January 2018
Results	Monday 29 January 2018
Cost	\$1,200 (not available for FEE-HELP)
Location	Monash College, City campus, Level 3, 222 Bourke St, Melbourne

For more information visit [Monash Maths Bridging](#)

➤ Pharmacy & Pharmacology

What options do students have if they don't meet the maths or chemistry VCE prerequisites to get into pharmacy or pharmaceutical science?

Mathematical Methods VCE prerequisite

- Applicants could study two maths higher level units over their first year in a tertiary course. They can then apply to transfer into pharmacy or pharmaceutical science. They would also have to achieve a minimum 70% average in the first year of the tertiary degree. Please note that credit is not currently given for transfers into pharmacy.

- The Open Universities Australia unit MAS120 has proved sufficient, (as long as more statistics is covered prior or through an additional unit). Find out more about this unit at bit.do/MAS120
- Overall, the maths must meet higher level maths equivalencies which applicants must investigate. Areas of study include: *functions, graphs, algebra, rates of change, calculus and probability and statistics.*

Chemistry VCE prerequisite

- For students who have not met the chemistry prerequisite, Monash recommends they study two chemistry units over their first year in a tertiary course to be considered as meeting the prerequisite. They can then apply to transfer into pharmacy or pharmaceutical science. They would also have to achieve a minimum 70% average in the first year of the tertiary degree. Please note that credit is not currently given for transfers into pharmacy.

In summary, students really wanting to study pharmacy or pharmacology at Monash University but do not meet the maths or chemistry VCE prerequisites, are encouraged to enrol in a tertiary course that gives them access to higher levels of maths and/or chemistry, with the aim of transferring across after one year.

Find out more about pharmacy and pharmacology at [Pharmacy & Pharmacology at Monash](#)



New Bachelor of Sport and Exercise Science

Swinburne University will be offering the ***Bachelor of Sport and Exercise Science*** from 2018. Students will learn how to navigate the increasingly digitised exercise and sport industry through access to cutting-edge laboratories and technology, including wearable sensors, virtual reality, and 3D analysis equipment. Students will also gain real-world experience through industry-based entrepreneurial and research projects.

Graduates of this course will be ready to apply for roles such as a sport or exercise scientist, coach, or strength and conditioning specialist in elite or community sport, government agencies, clinical settings, or corporate wellbeing. This course is also a pathway into postgraduate studies in clinical exercise physiology, occupational therapy and physiotherapy, and various research degrees.

The VCE subject requirements are Units 3 and 4: a study score of at least 25 in any English or at least 30 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.

The Subject Bonuses include a study score of 25 in any Mathematics, Physical Education, any Science, or Sociology equals 2 aggregate points per study, with an overall maximum of 10 points.

The VTAC Course code to apply is 3400211271 (CSP).

Find out more at [Bachelor of Sport and Exercise Science](#)



➤ **Studying Surveying at Melbourne**

Students are reminded that they can either study a Bachelor of Design or Bachelor of Science to lead to the [Master of Engineering \(Spatial\)](#) or the [Master of Information Technology \(Spatial\)](#) at the University of Melbourne in order to become a Graduate Surveyor. Students who choose the Bachelor of Design, will major in [Spatial Systems](#), and students who enrol in the Bachelor of Science will major in [Science - Spatial Systems](#).

Find out more about careers in surveying at [Surveying - A life without Limits!](#)

➤ **Where can a Biomedicine Degree take me?**

The **Bachelor of Biomedicine** at Melbourne provides a supportive environment which allows students to realise their potential and work towards their long-term goals, and graduates from this degree have a high rate of success in gaining entry to a diverse range of competitive postgraduate courses, or enter careers in a number of industries. Bachelor of Biomedicine students also receive ongoing support and advice throughout their degree from the Faculty of Medicine, Dentistry & Health Science (MDHS) Student Centre in planning their future pathways.

It is important to note that graduates of the Bachelor of Biomedicine develop important skills in *scientific method, critical thinking and problem solving, the analysis of data and evidence, written and oral communication and the ability to work collaboratively in teams*. These graduates also possess specialist scientific knowledge and technical skills for further research. They are equipped for a range of careers in industries including business, science, health, education and technology.

Students often use this undergraduate degree to go on to further study in

- *Medicine*
- *Dentistry*
- *Physiotherapy*
- *Engineering*
- *Law*
- *Nursing*
- *Social Work*
- *Public Health*
- *Genetic Counselling*
- *Clinical Audiology*
- *Optometry*

Students who choose to enter the workforce after completing the Bachelor of Biomedicine often find employment as a –

- *Hospital Scientist*
- *Laboratory Technician*
- *Microbiologist*
- *Pharmaceutical and Medical Supplies Representative*
- *Scientific Equipment Sales Representative*
- *Pharmaceutical Scientist*
- *Diagnostic Technician*
- *Forensic Scientist*

Visit [Biomedicine Pathways](#) to find out more!



Federation University – Courses at Berwick Campus

Federation University offers numerous undergraduate degrees at its Berwick Campus – in the fields of *arts & Social sciences, Business, Education, Engineering, Nursing, Information Technology, and Science and Maths.*

Students are encouraged to browse [Federation University - Berwick](#) to find out more about all the courses on offer.



New Courses at Flinders University

At Flinders, we're constantly developing new course offerings and fine-tuning our degrees to ensure you're prepared for this change. In 2018 a number of new courses will be on offer include:

- Archaeology combinations
- Criminology (Honours) combinations
- Geography
- Health Promotion/Innovation & Enterprise
- Sport combinations

Find out more by browsing [New Courses at Flinders Brochure](#)



Bachelor of Medical Research

Students who have an interest in the human body, health and disease – and more importantly, expanding what we know about them – may find the Bachelor of Medical Research the perfect course to study. The **Bachelor of Medical Research** is a 3-year program taught at the Hobart campus of the University of Tasmania. The course prepares students for *careers in medical research* by providing an understanding of the structure and function of healthy human cells, tissues, organs and systems, as well as of the abnormal genetic, cellular and systemic changes that characterise human diseases and conditions.

Students are able to select options that prepare them for careers or further studies in a range of specialties such as *biochemistry, pathology, neuroscience, genetics, pharmacology and other areas of medical research and medical science.* The degree also emphasises the acquisition of research skills and students will have exposure throughout the degree to scientists actively involved in medical research.

Importantly, from 2019 onwards, the Bachelor of Medical Research at the University of Tasmania will be the sole entry point into the Bachelor of Medicine/Bachelor of Surgery for tertiary applicants.

To find out more visit [Bachelor of Medical Research](#)