



Pathways @ Marcellin

16 November 2017 | Edition 15

2017 VCAA/VTAC RESULTS

Year 12's, and Year 10 and 11 students who may have sat Unit 3/4 exams, are reminded that the study scores come out on Friday 15 December 2017. To access these results students can:

- Log on to [Results and ATAR](#) any time from 7.00am, Friday 15 December 2017 AEDST. This service is *free* and operates 24 hours a day.
- Type in your **VCAA student number** and where a PIN is required, type in the **first four digits of your birth date**, e.g. 22 August = 2208

It should be pointed out that the school is not able to release results or ATARs to parents or other parties as the results are the property of the student.

Students and parents are certainly encouraged to make an appointment to discuss possible changes to preferences and other issues arising out of results, however.

The ATAR statement from VTAC and the results from VCAA will be in the mail any time from Monday 18 December 2017.

If you have any questions please feel free to visit the Learning and Pathways Centre (A06) or contact me 9851 1545 or or via email at dora.karas@marcellin.vic.edu.au.

Dora Karas
Careers Practitioner

REMINDERS

Tax File Number

Importantly, current Year 12 students are reminded that they cannot enrol in a CSP (Commonwealth Support Place) course at university without a Tax File Number, so it is worthwhile getting an application submitted early! Students must now apply for a TFN online and have their identity verified through an interview at a participating Australia Post office.

To apply and also to find out about participating Post Offices, visit www.ato.gov.au/Individuals/Tax-file-number/Apply-for-a-TFN/

Any student will need a tax file number if he starts work (part-time and full-time) and all students planning on a tertiary education require one when they start.

MARCELLIN COLLEGE

VIRTUTE AD ALTISSIMA

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Appointments to see the Careers Practitioner:
Ms. Dora Karas
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A LEADING CATHOLIC BOYS COLLEGE CONDUCTED BY THE MARIST BROTHERS SINCE 1950

"Determination and perseverance move the world; thinking that others will do it for you is a sure way to fail"

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 Domestic 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

I'M IN YEAR 12 - WHERE CAN I GET ASSISTANCE DURING 'CHANGE OF PREFERENCE' PERIOD?

The period after Year 12's receive their ATAR is known as Change of Preference (COP) - **Fri 15 Dec till 12 noon on Wed 20 December**. During this time tertiary institutions run information sessions, COP Expos, offer phone assistance, and will help you in any way they can. You can also obtain assistance at school. These institutions are offering the following (see online for more details).

NOTE: Some institutions will have phone contact available on Sat 16 and Sun 17 December as well as week days.

- **Australian Catholic University** – Hotline: 1300 ASK ACU (1300 275 228), including 12 noon - 4pm Sat 16 Dec; Info Sessions: Melbourne 12 noon – 3pm, Mon 18 Dec; Ballarat 4-6pm, Mon 18 Dec.
- **Box Hill Institute** – Hotline: 1300 BOX HILL (1300 269 445)
- **Deakin University** – Hotline: 1800 693 888; COP events: 11am-2pm, Sun 17 Dec (Burwood); 4-7pm, Mon 18 Dec (Geelong Waterfront); see also www.deakin.edu.au/choose
- **Holmesglen** – Hotline: 1300 693 888
- **Kangan** – Hotline: 13 8233
- **La Trobe** – Hotline: 1300 135 045
- **Melbourne Polytechnic** – Hotline: 9269 1200
- **Monash** – COP Expo: 3-7pm, Mon 18 December, Building H, Caulfield campus, 900 Dandenong Rd, Caulfield East; COP Hotline: 1800 MONASH (1800 666 274), or see www.monash.edu/cop
- **RMIT** – Hotline: 9925 2260; Visit Info Corner, 330 Swanston St, Melbourne (Cnr. La Trobe St); COP Expo: 3-6pm, Monday 18 December (City campus); www.rmit.edu.au/school-leaver
- **Swinburne** – Hotline: 1300 SWINBURNE; COP Expo: 11am-4pm, Mon 18 Dec; Live Chat via www.swinburne.edu.au/choose
- **University of Melbourne** – Hotline: 13 MELB (13 6352); COP Day: Mon 18 Dec; See: <http://coursesearch.unimelb.edu.au/change-of-preference/>
- **Victoria** – Hotline: 1300 VIC UNI (1300 842 864)
- **William Angliss** – Hotline: 1300 ANGLISS (1300 264 547)

I'M IN YEAR 12 - WHAT IF I DO NOT GET A HIGH ENOUGH ATAR TO GET INTO MY DESIRED COURSE?

Many pathways and programs exist to assist in getting to where you want to go. Here are some suggestions:

- Complete a Diploma of Tertiary Studies at Monash University in either business, education or nursing (ATAR 50+) OR a Diploma of Higher Education (ATAR 65+); Indigenous pathways - See: www.study.monash/how-to-apply/indigenous-student-applications
- Complete a course at Monash College in Art & Design, Arts (Human Behaviour or Psychology streams), Business or Commerce, Engineering or Science; search Courses on VTAC website
- Complete a course at Deakin College in Commerce, Computing, Engineering, Health Sciences, Management, Media and Communication or Science
- Complete a UniLink Diploma at Swinburne (Arts and Communications, Business, Design, Engineering, Health Science, IT, Science)
- Complete a Diploma at La Trobe Melbourne in Biosciences, Business, Engineering, Health Sciences, IT or Mass Media Communications
- Complete a Tertiary Preparation Course at RMIT in engineering or science
- Consider studying a related university course with a lower ATAR; if you do well you MAY be able to transfer to your desired course later
- Start with a VET (TAFE) course in a related field; two years of VET often equals one at university
- Complete a Tertiary Studies Diploma at Melbourne Polytechnic (Preston)
- Complete a Certificate IV in Liberal Arts – a pathway into a range of degrees. Swinburne and Victoria Universities have this Certificate
- Consider a country/rural campus. ATAR's are often lower, usually due to lower demand; most have accommodation (apply ASAP)
- For nursing consider first completing Division 2 at TAFE or a private provider- eg. Box Hill, Chisholm, Federation, Goulburn Ovens, Holmesglen, RMIT or Swinburne
- ACU has certificate/diploma courses that can lead to degrees (through ACUcom) See: http://www.acu.edu.au/courses/2014/other_courses/vocational_education_training_vet/
- Complete a Victoria University Foundations@VU alternative entry to higher education and diploma studies course - a 13 week course designed to build academic skills needed for tertiary study. See: www.vu.edu.au/courses/foundations-at-vu-jyac
- Complete a 2-year Associate Degree – want to study at university but not sure you will meet the entry requirements for a bachelor's degree? Several universities offer these (eg RMIT).



➤ **Accounting: it's not just a Numbers Game**

Accounting is vital to the success of every business in every industry, and professionals with accounting skills are in high demand – which means an accounting degree is a great basis for a range of career options.

Monash offers accounting in several undergraduate courses – including double degrees - to suit students' different needs and career goals:

For students interested in accounting and looking for a second major, taxation might be of interest.

Taxation provides students with the skills and knowledge to appreciate the legal, commercial, and economic impacts of taxation on business decisions. They will learn about current taxation concepts and how to work within Australia's Federal taxation system, using case law and statutes.

For more information on the accounting courses and the wide range of majors available, please visit [Accounting at Monash](#)

➤ **Biology Bridging Course**

This course is for students who would like to study biology at Monash but have not studied VCE biology. The week-long *biology bridging course* has been designed for students who are considering undertaking a science degree but have not studied biology before. It is also ideal for those who would like to enhance their knowledge in preparation for their university studies.

The course will cover the major concepts in VCE biology Units 3 and 4 and equip students with the background knowledge essential to achieving success in biology related degrees.

The course will run in February 2018. To find out more and to register, visit

[Monash Science Events](#)



La Trobe University is one of only very few universities in the world offering a qualification in Prosthetics and Orthotics – the *Bachelor of Applied Science and Master of Clinical Prosthetics and Orthotics*.

Prosthetics and orthotics are clinical disciplines that deal with artificial limbs (prostheses) for people with amputations and supportive devices (orthoses) for people with musculoskeletal weakness or neurological disorders. Few things are as rewarding as giving someone the ability to walk, stand or even just pick up a cup. Studying clinical prosthetics and orthotics gives you the ability to do just that. You'll learn about artificial limbs (prostheses) for people with amputations, and supportive devices (orthoses) for people with musculoskeletal weakness. This course offers practical experience, and is the only course of its kind in the Asia-Pacific region.

Students study anatomy, physiology, biomechanics, prosthetic and orthotic prescription, and design and fabrication. They also develop strong practical skills in research methodology, clinical assessment, and the application of prosthetic and orthotic techniques. Clinical placements make up a very important part of the program, and they start in first year with a half-day observational placement. In second and third years students will work with volunteer clients. In fourth students do two clinical placements (12 or 16 weeks) at a leading Australian or international hospital or private practice. During this time, they will gain experience with tasks including assisting in providing prosthetic and orthotic treatment while working directly with clients.

The VCE requirements are 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.

Subject Bonuses: a study score of 30 in any Mathematics, Physical Education, or any Science equals 4 aggregate points per study. A study score of 25 in Health and Human Development equals 4 aggregate points. A study score of 20 in any LOTE equals 4 aggregate points per study. Overall maximum of 12 points.

Find out more at [Prosthetics & Orthotics](#)



Bachelor of Veterinary Nursing

Melbourne Polytechnic offers the Bachelor of Veterinary Nursing in partnership with [La Trobe University](#). Graduates will have their degrees conferred by La Trobe University and degree testamurs will feature the La Trobe seal and logo.

This degree is designed to produce highly skilled veterinary nurses with exceptional levels of practical skill, knowledge and in-depth understanding gained through a stimulating exploration of the academic underpinnings of the field. In second year, students undertake placement three days per week for 15 weeks, which provides the opportunity to apply the theory and practices learned on campus in a range of areas of interest.

In third year, students can opt to undertake paid work in veterinary practices (outside of classes). Throughout their course, students undertake placements in various industry settings hospitals, animal shelters, farms. Students are fully supervised by experienced veterinary team members while at external placements.

VCE subject requirements are 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, or any Mathematics.

Subject Bonuses: A study score of 25 in Maths: Mathematical Methods (any), Maths: Specialist Mathematics or any Science equals 4 aggregate points per study. A study score of 20 in any LOTE equals 4 aggregate points per study. Overall maximum of 12 points.

Find out more at [Bachelor of Veterinary Nursing](#)

Career in the Police Force

Being a police officer no ordinary job! In fact, it is rather an extraordinary career. People who want to be part of a dynamic organisation that is dedicated to making Victoria a safer place to work and live, and who is looking to make a difference every day of their working lives, might like to visit [Police Careers](#) and find out more about the range of careers, as well as the application requirements!

Students often enquire as to the *physical requirements* they need to enter the police force. Watch a YouTube video at [YouTube](#) to find out more! Students keen on further YouTube videos regarding the Victoria Police, can watch them at [VPBlueTube](#)

Career as a Protective Services Officer (PSO)

Protective Services Officers (PSOs) are members of the police force, and many of the roles they fulfil are similar to the police. Protective Services Officers (PSO) in Victoria are located at all 212 metropolitan train stations in Melbourne and four regional train stations across Victoria (Bendigo, Traralgon, Ballarat, and Geelong). Their role is to build and maintain rapport with commuters and the surrounding community, and to build trust in the safety of the station. PSOs proactively patrol the train platform, car parks and surrounds, and deal with anti-social behaviour, property damage, alcohol, and transport related offences as they arise. When the Victoria Police recruit PSOs, they look for people with excellent communications skills, a strong sense of community, and a desire to make a positive difference.

Find out more at [Career as a Protective Services Officer \(PSO\)](#)

Career as a Geologist

Geologists study the nature, composition and structure of the earth to locate materials and minerals, and to increase scientific knowledge. They also advise on the extraction of minerals, as well as on environmental protection, the rehabilitation of land after mining and on civil engineering projects.*

Geologists may perform the following tasks:

- study the nature and effects of natural events such as erosion, sedimentation, glaciation, earthquakes, and volcanic hazards
- locate and manage groundwater resources, investigate groundwater contamination and land salinity
- undertake geochemical sampling of stream sediment and soils
- advise on the geological suitability of sites for structures such as tunnels, roads, coastal installations, bridges, and water supply schemes
- contribute information about land use, planning and rehabilitation, and the effects of pollution on sea beds to environmental assessments
- use computers to integrate and interpret data sets of geological information
- prepare geological models to describe processes and predict future situations
- prepare geological reports and maps

Personal Requirements of Geoscientists:

- ✓ enjoy technical and engineering activities
- ✓ willing to adhere to safety requirements
- ✓ able to work independently or as part of a team
- ✓ able to prepare accurate records and reports
- ✓ able to cope with the physical demands of the job
- ✓ prepared to work outdoors in a range of environments

*Sourced from the Good Universities Guide – Geologist

To become a geologist, student usually have to complete a degree in science or applied science with a *major in geology, geoscience, applied geology, geophysics, or earth sciences*.

Employment Opportunities for Geoscientists:

Geologists work for mining and petroleum companies involved in the exploration, extraction and production of minerals and hydrocarbons; engineering and environmental consultancy firms; geological survey organisations; and state, territory, and federal government departments. They may also work in laboratories, offices and in the field.

Employment opportunities also exist in the securities industry and financial sector where geologists are employed as industry analysts and/or advise on the economic viability of particular mining projects.

Geologists may progress to exploration managers and even company managers or directors. They are highly mobile, both within Australia and internationally. There are some opportunities for self-employment. There are many specialised roles in geology too.

For more information, visit the website of The Australian Institute of Geoscientists at [Australian Institute of Geoscientists](#).

Some undergraduate science degrees in Victorian universities, offering one or more of these majors include -

Deakin University Geelong, Melbourne	Bachelor of Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.
Federation University Mt. Helen (Ballarat)	Bachelor of Geoscience	Units 3 and 4: a study score of at least 20 in any English; Units 3 and 4: a study score of at least 20 in one of any Mathematics or any Science.
La Trobe University Albury-Wodonga, Bendigo, Melbourne	Bachelor of Science	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.
Monash University Clayton	Bachelor of Science	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, Environmental Science, Geography, Maths: Mathematical Methods (any), Maths: Specialist Mathematics, Physics or Psychology.

University of Melbourne Parkville	Bachelor of 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.
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Careers in the Rail Industry

The rail industry has much to offer...more than you imagined! There are many careers in rail, including:

- Mechanical, Electrical & Civil Engineering
- Design, Drafting & Logistics
- Safety, Security & the Environment
- Customer Service, PR, Sales, and Marketing
- IT, Systems, Project Management
- Signalling, Communications, CCTV
- Accounting, Commercial Management
- Human Resources and People Management

For more information about the many careers in the Rail Industry, visit [Rail Careers](#).

Careers that started in Science

The scientists profiled at the University of Queensland link below used their qualifications to get them into rewarding and diverse roles throughout the world. In their day-to-day work many graduates contribute towards solving global challenges such as *climate change, curing illnesses, exploring space frontiers, developing new, life-saving drugs, and protecting the environment*. Through browsing the various profiles, students will learn about their career path, salary range, qualifications, and experiences of these scientists. Visit [Science Career Profiles](#)

Students might like to also browse profiles by other study areas:

[Agriculture and Environment](#)

[Health and Behavioural Sciences](#)

[Architecture and Planning](#)

[Science and Mathematics](#)

What's the Right Health Job for You?

Are you considering a career in the health industry but are undecided about the range of careers you may be suited to?

[Health Heroes](#) and browse the various videos and numerous jobs in the health industry from *administration officers to social workers* and many in-between!