



Issue No. 14

Friday 20 October 2023

This edition of the Careers Newsletter contains lots of information for students to gain further insight into careers and pathways.

Don't forget to also check out our PVCC Careers website for important information for students and parents. You can find our site at: <https://careers.pvcc.vic.edu.au>

Items in the *Career News* include –

- **VTAC Key dates**
- **Melbourne Polytechnic – Bachelor of Veterinary Nursing – Information Session**
- **Monash University – Pathways to Medicine through a Science degree**
- **Nutrition/Dietician Courses in Victoria**
- **RMIT – New Bachelor of Cyber Security**
- **Automotive apprenticeships with BMW**
- **Medical Imaging courses in Victoria**
- **ACU – New Bachelor of Occupational Therapy**
- **Optometry courses**
- **Snapshot of Charles Sturt University**



Dates to Diarise in Term 4

- Year 10 – Real Industry Job Interviews – Tuesday 24th October
- Year 12 VTAC late applications – 28 September to 3 November



Reminder: VTAC 2024 Upcoming Key Dates



VTAC Personal Statement	Friday 1 December 2023
ATARs Released	Monday 11 December 2023
Change of Preference (CoP) closes	Wednesday 13 December 2023
December Round Offers	Thursday 21 December 2023
January Round International Offers	Friday 5 January 2024
January Round Domestic Offers	Friday 12 January 2024
February Offer Rounds	Tuesday 6 February 2024 onwards

For a full list of cancelled, amended, and new courses, visit [VTAC Course Updates](#)

The VTAC website is www.vtac.edu.au

Watch this YouTube clip for an interesting snippet regarding
[Ten jobs you might be interviewed for in 2050](#)



MONASH University

News from Monash University

➤ Pathway through Science to Medicine

Students often ask if they can study a *Bachelor of Science to enter graduate medicine*, and the answer is YES! Students who complete the Bachelor of Science* at Monash University with the required [prerequisite units](#) and achieve a minimum 70+ WAM (Weighted Average Mark), may be offered the opportunity to undertake an interview (Multiple Mini Interview - MMI) and Situational Judgement Test (SJT) as part of the application process.

There is no requirement for Monash Science students to undertake the [GAMSAT](#) as entry is an internal process. Students keen on studying science as a pathway, are encouraged to browse this useful link - [Science as a Pathway to Medicine](#).

*Can also include Science double degrees, the Bachelor of Science Advanced Research and Bachelor of Science Advanced - Global Challenges

➤ **Master of Medical Ultrasound**

The ***Master of Medical Ultrasound*** at Monash University is a 3-year post-graduate course, designed for students wishing to become accredited Sonographers. Sonographers operate ultrasound equipment to acquire, interpret and selectively record anatomical images, physical data and real-time physiological information for medical diagnostic purposes in conjunction with Medical Practitioners - [Your Career - Sonographer](#).

Applicants will generally be graduates of a degree program in Radiography or equivalent. Applicants holding degrees in related disciplines (such as Medicine, Nursing, Biomedical Sciences, Radiation Therapy, Nuclear Medicine or other Health Sciences) are assessed on a case-by-case basis.

Find out more at [Master of Medical Ultrasound at Monash](#).



New Courses at the Berwick Campus

The following courses will be offered by Federation University at its Berwick Campus from 2024:

- [Bachelor of Engineering \(Civil\) \(Honours\)](#)
- [Bachelor of Engineering \(Electrical and Information Engineering\) \(Honours\)](#)
- [Bachelor of Engineering \(Mechanical\) \(Honours\)](#)
- [Bachelor of Speech Pathology \(Honours\)](#)

Students are encouraged to browse the above links and, if they wish, they should apply through VTAC.

Master of Physiotherapy Practice

[La Trobe University offers a 2-year Master of Physiotherapy Practice at both the Bundoora and Bendigo campuses. Eligibility to apply for this program requires applicants to –](#)

- have successfully completed any undergraduate degree within the last five years and
- have completed tertiary-level subjects in musculoskeletal anatomy (2 units) and human physiology (1 unit)

Tertiary-level subjects in neuroanatomy, pathophysiology, psychology, pharmacology, evidence-based practice, research methods or statistics, determinants of health, human movement, biomechanics, communication, or education are also desirable.

Students are encouraged to browse the link above to find more.



News from RMIT University

➤ [New Bachelor of Cyber Security](#)

[Commencing in 2024, RMIT is offering its *new* Bachelor of Cyber Security](#) 3-year degree. This course has been designed to equip students with the specialist knowledge and expertise to troubleshoot, analyse, design, support and provide cyber security solutions.

The VCE prerequisites are:

- Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English as an Additional Language (EAL)
- Units 3 and 4: a study score of at least 20 in one of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.

➤ [Pathways @ RMIT](#)

[RMIT has a](#) landing page for anyone who is considering pathway options. It is a handy tool to find out what suitable courses students may think about if they are fearful of not having the correct prerequisites or ATAR.

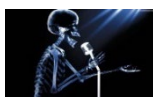
Visit [Find your pathway to study at RMIT](#).



Automotive Apprenticeships and the BMW Group

The automotive industry is evolving at a rapid rate, and with it the need in the way we attract, train and skill our future workforce. 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.

Students are encouraged to browse [Career Seekers - Advice & Career Path Opportunities in Australia – NextGen Jobs](#) and familiarise themselves with the opportunities on offer. Should student be keen on finding out more, they are encouraged to complete this [form](#) and NextGen will be in contact with them.



Medical Imaging Courses in Victoria in 2023

Medical imaging technologists operate X-ray and other imaging equipment, such as MRI and Ultrasound, to produce radiographic images which are used in the diagnosis and subsequent management of disease or injury. Below are links to the specialised medical imaging areas, some of which are detailed in the Good Universities Guide: [Nuclear Medicine Technologist](#), [Medical Imaging Technology](#), and [a useful links - So, you want to be a Sonographer?](#), and [Medical Imaging and Radiation Sciences at Monash](#)

In Victoria students can study specific medical imaging courses (also known as medical radiography or medical radiations or sonography) at the following universities:

INSTITUTION	COURSE	VCE PREREQUISITES	2023 ATAR
CQU M - Melbourne Campus	Medical Sonography	Recommended study in English, Maths, Biology, Physics, Science	91.55 (M)
Deakin University G - Geelong Waurm Ponds Campus	Medical Imaging	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; Units 3 and 4: a study score of at least 22 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics or at least 30 in Maths: Further Mathematics.	94.65 (G)
Monash University	Radiation Sciences	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.	80.10 (C) *

C – Clayton Campus *For the first year, you will study units at both the Caulfield and Clayton campuses. The units in years two and three are delivered at the Clayton campus. Some third-year electives may be delivered at the Peninsula campus.	Radiation Sciences (Informatics)	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.	82.75 (C) *
	Radiography and Medical Imaging	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 one of Biology or Physics; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	97.45 (C)
RMIT University B – Bundoora Campus	Medical Radiations (Nuclear Medicine)	Units 1 and 2: satisfactory completion in one of Biology or Chemistry or Units 3 and 4: one of Biology or Chemistry; 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.	79.80 (B)
	Medical Radiations (Radiation Therapy)	Units 1 and 2: satisfactory completion in one of Biology or Chemistry or Units 3 and 4: one of Biology or Chemistry; 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.	77.60 (B)
	Medical Radiations (Radiography)	Units 1 and 2: satisfactory completion in one of Biology or Chemistry or Units 3 and 4: one of Biology or Chemistry; 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.	97.00 (B)



Snapshot of Charles Sturt University (CSU) in 2023

- The history of Charles Sturt University dates back to 1895 but CSU was formally incorporated on 19 July 1989 and is one of Australia's newer universities
- Charles Sturt University has three Faculties which comprise of several Schools and centres for specific areas of study and research –
 - [Faculty of Arts and Education](#)
 - [Faculty of Business, Justice and Behavioural Sciences](#)
 - [Faculty of Science and Health](#)

- CSU has campuses in a number of [locations](#) and also has various campuses that offer specialist courses, such as *theology, education, Terrorism & Security Studies, and policing*. These include [Canberra](#), [Goulburn](#), [Manly](#), and [Parramatta](#)
- CSU offers a range of [accommodation](#) options to students across six campuses
- CSU offers a broad range of [courses](#) including postgraduate studies
- Commencing in 2021, Charles Sturt University and Western Sydney University partnered to create a new [Joint Program in Medicine](#). It is a five-year undergraduate entry Doctor of Medicine based in Orange, New South Wales
- Some other courses that may be of particular interest include –
 - ✓ [Bachelor of Communication \(with Specialisations in Media, Journalism, etc.\)](#)
 - ✓ [Bachelor of Dental Science](#)
 - ✓ [Bachelor of Pharmacy](#)
 - ✓ [Bachelor of Physiotherapy](#)
 - ✓ [Bachelor of Veterinary Biology / Bachelor of Veterinary Science](#)
 - ✓ [Master of Terrorism and Security Studies](#)



New Bachelor of Occupational Therapy

ACU is delighted to announce that the [Bachelor of Occupational Therapy](#) will be offered at the Ballarat Campus from 2024.

Occupational therapists play an important role in the lives of individuals and communities enabling participation in occupations of self-care, productivity and leisure. To do this, occupational therapists need to know how humans function, and need the skills to practice competently and safely. Students

will learn how to analyse and assess occupational performance; apply and evaluate interventions to enable occupational performance; and collaborate and communicate effectively with clients and their families and colleagues.

Students will undertake 1,000 hours of professional practice education, starting in the first year, working with people across the lifespan to help them overcome physical, cognitive or societal barriers to participation. The ACU Bachelor of Occupational Therapy has been developed to ensure new graduates will meet the competency standards of the [World Federation of Occupational Therapists \(WFOT\)](#) and [Occupational Therapy Council \(OTC\)](#).



New Aptitude Test as Alternative to the Casper

If you want to study an initial teacher education program at La Trobe, our AFTA is a free and on-demand alternative to the CASPer test.

La Trobe University has developed the [Aptitude for Teaching Assessment \(AFTA\)](#). Approved by the Victorian Institute of Teaching, it is a non-cognitive scenario-based aptitude test that students can use as an alternative to the CASPer test.

Please note: It can only be used for entry into initial teaching education programs at La Trobe.



Casper Test Reimbursement

Do you have a student intending to study Teaching at Deakin in 2024? If they have sat the Casper test and receive an offer to Deakin, they will be eligible for a reimbursement of the cost of this test.

Payment Amount

\$80 - to be made after student commences at Deakin in Trimester 1 2024.

Eligibility

The payment is open to Deakin education students who have accepted their offer into an initial teacher education degree and enrolled to start studies in 2024 in a course that requires the Casper test as an entry requirement. Deakin will identify and communicate directly with students at the point of admission.

Find out more at [The Casper test | Deakin](#).



What do I need to remember to be successful in my first year of Uni?

- I should attend orientation and transition activities – ***that way I can find out about support and advisory services available to me!***
- I need to seek assistance to learn expectations of my lecturers – ***I will have to learn about tertiary essay writing, using sources, avoiding plagiarism, and managing my time, etc.***
- I must remember to ask for help – ***no-one will necessarily be offering any!***
- I will need to be an independent learner – ***my lecturers and tutors will not be reminding me about deadlines!***
- I will need to take charge of my own learning – ***no-one will be checking up on me to see if I am keeping up with work or assignments!***
- I will need to organise my time effectively – ***there are no bells to remind me where to be!***
- I must remember that my classes may be much larger than what I have been used to at school – ***I will receive less individual attention!***
- I must make friends – ***building new friendship groups will help me cope and help me stay motivated!***
- I will be learning new skills that will be critical for my success – ***I will have to learn important research and referencing skills!***

Tips:



LOST ON CAMPUS: Download this useful app from iTunes and Google Play for a Campus Map of many universities. You will be able to find every tutorial room, lab, lecture theatre, coffee shop, carpark, bus stop, even your nearest vending machines and free microwaves on campus - [Lost on Campus maps — StudentVIP](#)



iUSEpass - travel concession for International students:
International undergraduate students can save 50% on an annual myki with an international Undergraduate Student Education pass (iUSEpass) myki card.



Nutrition and Dietetics Degrees in Victoria in 2023

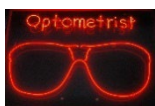
According to the Dietitian Association of Australia (DAA) - [Dietitian or nutritionist | Dietitians Australia](#), there is a distinction made between dietitians and other occupations in the nutrition and food science field, including that of nutritionist. The key difference between a dietitian and a nutritionist is that, in addition to or as part of their qualification in human nutrition, a dietitian has undertaken a course of study that included substantial theory and supervised and assessed professional practice in clinical nutrition, medical nutrition therapy and food service management. **So, in Australia, all dietitians are nutritionists however nutritionists without a dietetics qualification cannot take on the expert role of a dietitian.**

Victorian universities offering undergraduate courses in nutrition, food science and/or dietetics include:

UNIVERSITY	COURSE	VCE PREREQ' SUBJECTS	ATAR 2023
ACU (M) – Melbourne	Nutrition Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	60.70 (M)
Deakin (M) - Melbourne	Nutrition Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	65.25 (M)
	Nutrition Science (Dietetics Pathway)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	89.10 (M)

La Trobe (M) – Melbourne	Nutrition Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	70.10 (M)
	Nutrition Science/Master Dietetic Practice	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	90.00 (M)
Monash (C) - Clayton	Nutrition Science	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 Biology or Chemistry.	70.35 (C)
	Nutrition Science - Scholars Program (Dietetics Pathway)	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 Biology or Chemistry.	90.10 (C)
RMIT (C/B) – City/Bundoora	Food Technology & Nutrition	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.	66.65 (C/B)
SWINBURNE (H) – Hawthorn	Health Science (Nutrition major) and a Master of Dietetics	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL).	57.55 (H)
Victoria (F) - Footscray **Not Foundation Maths	Human Nutrition	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, Health And Human Development, any Mathematics** or Physical Education.	n/p (F)
	Nutritional Science/Master of Dietetics	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, Health And Human Development, any Mathematics**, Physical Education or Physics.	88.45 (F)

Note: Food Science and Nutrition are often offered as majors in courses in health, exercise science, and science degrees, etc. **Students are encouraged to browse [VTAC](#) for a comprehensive list, including double degrees.**



Optometry Courses on offer in 2023

The [Good Universities Guide - Optometrist](#) states that *Optometrists perform eye examinations to determine the presence of vision problems and other eye conditions and disease. They treat or manage these problems by prescribing glasses, contact lenses, optical aids, vision therapy, medication (in the form of eye drops) or referral to an eye surgeon when required. Optometrists need to have a patient and caring manner; be able to carry out accurate and precise work, have good communication skills, and enjoy helping people.*

To become an optometrist a student usually has to study optometry at university. Alternatively, they can complete a degree in vision science or a relevant area at university, followed by a postgraduate qualification in optometry. Prerequisite subjects, or assumed knowledge, in one or more of English, mathematics, chemistry, biology and physics are normally required. Entry to postgraduate courses usually requires completion of an appropriate bachelor degree. A number of universities in Australia offer these degrees. Universities have different prerequisites, and some have flexible entry requirements.

Optometry courses on offer in Australia include -

INSTITUTION	COURSE	ENTRY REQUIREMENTS IN 2023
DEAKIN UNIVERSITY	Bachelor of Vision Science/Master of Optometry	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL An ATAR of 95+
	Master of Optometry	Completion of a Bachelor of Vision Science, or equivalent, with an emphasis on an adequate coverage of vision sciences
FLINDERS UNIVERSITY	Bachelor of Medical Science (Vision Science), Master of Optometry	Assumed knowledge of Maths Methods, Chemistry and Physics An ATAR of 95+
QUEENSLAND UNIVERSITY OF TECHNOLOGY	Bachelor of Vision Science/Master of Optometry	Assumed knowledge of English/EAL, Maths Methods or Specialist Maths, Chemistry, Physics An ATAR of 98.5+
UNIVERSITY OF CANBERRA	Master of Optometry	Only open to students who have completed the Bachelor of Vision Science at the University of Canberra
UNIVERSITY OF MELBOURNE	Doctor of Optometry Pathway to Optometry	An undergraduate degree (or equivalent), and three subjects at second or third year level (or equivalent) in one or more relevant biological science disciplines plus the GAMSAT or MCAT
UNIVERSITY OF NEW SOUTH WALES	Bachelor of Vision Science with a Master of Clinical Optometry	Assumed knowledge of English/EAL, Maths Methods, Chemistry, Physics An ATAR of 99+

Note: Students who attain an ATAR of 99.00 are eligible for the [Graduate Degree Package](#) through Biomedicine or Science



Snapshot of Flinders University in 2023

- Situated in South Australia, Flinders is a fairly young university, celebrating 55 years since opening in 1966.
- Over 26,000 students are enrolled in courses at Flinders University.
- Flinders main campus is located at [Bedford Park](#), with additional Adelaide locations at Victoria Square and Tonsley.
- The university has six colleges –
 1. [College of Business, Government, and Law](#)
 2. [College of Education, Psychology, and Social Work](#)
 3. [College of Humanities, Arts, and Social Sciences](#)
 4. [College of Medicine and Public Health](#)
 5. [College of Nursing and Health Sciences](#)
 6. [College of Science and Engineering](#)
- Flinders offers over 500 undergraduate, postgraduate and research [degrees](#), including flexible pathways to medicine - [medicine at Flinders](#)
- Flinders introduced a range of [new courses in 2023](#).
- Flinders has over 100 partner institutions across 33 countries.
- [Scholarships](#), worth \$2,2m in total, are on offer to students.
- Flinders offers a broad range of [facilities and services](#) to students.
- There is also a wide range of [support services](#) which include *health & well-being* and *study support*.
- [Flinders Living](#) offers both on-campus and off-campus accommodation, either in the former of a catered collegiate form, or self-contained units.



**You are invited to
The Bachelor of Veterinary Nursing
Information Session and Facilities Tour**

Date: Wednesday 15th November

Time: 5:30pm – 7:30pm

Location: Melbourne Polytechnic, Building E, Veterinary Nursing Learning Centre, Cnr of Dalton Road & Cooper St, Epping

Parking: Will be free of charge anywhere on campus for those who arrive after 5pm on the day.

Public Transport: Epping train station is 5 mins walk

Session Timetable:

- **5.30pm – 6.30pm** - **Tour** the Veterinary Nursing Learning Centre facilities, **chat** with staff, graduates and students, **experience** our specialised simulation animal models and veterinary nursing equipment

- **6.30pm – 7.00pm** - **Detailed Information Presentation** on: prerequisites, how and when to apply, information and supporting evidence to include in the **La Trobe University On-line Veterinary Nursing Statement**, **how the** applicants are ranked, what the course is really like (the good, the bad and the ugly), clinical placements, assessments, equipment needs, costs, etc.

- **7.00pm – 7.30pm** – **Question Time** (or **Tour the facilities** those who couldn't make it earlier).

Why are we running another information session?

Our last session in August 2023 had a huge number of attendees, and due to popular demand, we have decided to organise another session.

Who should attend?

- Current Year 12 students and Non-Year 12 post-secondary school people – that is, everyone who is thinking of applying for 2024 intake should attend (including those who have already applied but didn't make the last info session).
- Current Year 10 and 11 students who want to learn more and to check the pre-requisites, etc, to help them with school subject choices for 2024
- Anyone considering studying veterinary nursing as a future career.
- Friends, family and interested teachers are welcome to come along as well.

RSVP: Via email to vetnursingdegree@melbournepolytechnic.edu.au

Questions? Interested people can email their questions to vetnursingdegree@melbournepolytechnic.edu.au

How to stay connected and informed via Social Media

Follow us on our [Vet Nursing at Melbourne Polytechnic](#) Facebook page and our Instagram account [Vet_Nursing_Melb_Poly](#) to see our students and staff in action.