## **CAREER NEWS**

### Friday 4 March





Current domestic Year 12 students who intend applying directly to ANU for undergraduate study in 2023 are advised that direct applications open on Wednesday 2 March 2022, and close on Monday 23 May 2022.

Students can start their applications at any time and log back in, as needed, to complete the process.

Students will need to include their <u>co-curricular activities</u> with appropriate supporting documentation, as well as complete a <u>Year 11 Results Form</u>.

Students are advised to read through <u>Application Information</u> before applying at <u>Applying to ANU</u>.



Monash Information Evenings are the perfect opportunity to have your questions answered on everything you wanted to know about undergraduate study at Monash.

Topics to be covered include -

- diverse study and discipline areas
- undergraduate course types, such as the comprehensive and specialist courses, double degrees, and pathway programs
- international opportunities including study abroad and overseas tours
- SEAS and the Monash Guarantee
- accommodation options, both on and off campus

Date:Tuesday 8 March 2022Time:6.30pm - 8.00pmLocation:online (zoom)

Register for the event at Monash Information Evening: Webinar



#### Bachelor of Speech Pathology (Honours)

Federation's new <u>Bachelor of Speech Pathology</u> degree offered at the Ballarat and Gippsland campuses, will develop students' knowledge and core practical skills in anatomy and neurophysiology behind communication and swallowing impairments, the science of speech and hearing, linguistics, language, and healthcare. Students will also learn how to identify and implement appropriate therapeutic treatments and management options.

As a Speech Pathologist, students may work as a clinician, educator, researcher, policy advisor, manager, advocate or consultant in a variety of industries including government and non-government organisations, education, health, welfare, policy development, community-based organisations and private practice.

#### Bachelor of Nursing

The <u>Bachelor of Nursing</u> program offers a comprehensive curriculum and professional knowledge, preparing graduates to deliver the highest quality care to improve patient outcomes.

Subjects within this program include working with diverse communities, mental health, medical and surgical nursing as well as palliative care. Students will also learn leadership, management, and communication skills.

As a registered nurse, graduates may work in a range of areas including emergency illness, mental health, long-term care, intercultural health, and population health. Further study options are also available in <a href="health">health</a>, <a href="midwifery">midwifery</a> and <a href="midwifery">paramedicine</a>.

#### New Bachelor of Cognitive Enterprise

Combining Business and Information Technology disciplines, Federation's new <u>Bachelor of Cognitive Enterprise</u> has been created in response to future industry needs. This is a business course that combines the disruptive technologies including *AI*, *Blockchain*, *Internet of Things (IoT)*, *5G and Edge Computing with innovative processes and data, to enhance customer experience and gain competitive advantage*.

The undergraduate Cognitive Enterprise program also offers a 'Professional Practice' delivery model which is attached to extensive industry placement and a scholarship at IBM®.



According to the <u>Your Career</u> website, *Nuclear Medicine Technologists* perform or assist in performing diagnostic examinations using radionuclides and radiopharmaceuticals, and administer radionuclides and radiopharmaceuticals for therapeutic purposes under the direction of Specialist Medical Practitioners. In other words, **Nuclear Medicine Technologists** are highly skilled *medical imaging experts* that use radioactive materials to diagnose physiological and metabolic changes within the body and treat diseases - <u>Good Careers Guide</u>.

This profession is best suited to people who -

- ✓ have an interest and aptitude in science.
- ✓ are able to work accurately.
- ✓ have a responsible and patient nature.
- ✓ have a sympathetic and understanding approach.
- ✓ are able to work independently or as part of a team.

Nuclear medicine technologists may perform the following tasks:

- Maintain and operate equipment such as gamma cameras and computing systems to acquire images and process and analyse patient data.
- Prepare and administer radiopharmaceuticals that demonstrate the function of organs in the body.
- Check the patient's medical status and ensure their comfort, privacy and safety needs are met during the procedure.
- Deliver findings of procedures to medical practitioners.
- Provide diagnosis and treatment for cancer patients.
- Perform laboratory procedures, including blood and specimen collection and quality control testing.
- Make sure that radioactive materials are handled, stored and disposed of in a safe manner.
- Perform routine quality control and testing procedures on instrumentation, radiopharmaceuticals, data, images, and computing systems.
- Initiate and participate in research programmes and in the development of new techniques.

A number of universities across the country offer accredited studies in Nuclear Medicine, and in Victoria students can study the <u>Bachelor of Applied Science (Medical Radiations)</u> at RMIT University. Nuclear Medicine is one of the streams students can choose to specialise in.



Engineers Australia is at the helm of the *Engineering Heroes* podcast series. Students keen on a career in engineering may find these podcasts about the engineering challenges in today's society of interest. Engineers discuss their work life and the issues they are dealing with.

There are various categories of podcasts including *aerospace*, *building services*, and *computer systems*.

Visit Engineering Heroes and sign up for regular updates.



**NSW Health** has compiled an extensive list of extremely useful **fact sheets** to assist students in making more informed career choices about the many careers in the **health industry**, and to ensure their career plans not only fulfil their personal aspirations but also align with the needs of the industry. Students keen on finding out more about **what the job is about, whether or not there is a shortage, etc.** are encouraged to browse the following link on NSW Health - <u>Medical Career</u> Planning.



# Nursing and/or Midwifery Degrees in 2022

UNIVERSITY	VCE PREREQUISITE SUBJECTS	ATAR FOR 2022
ACU Ba – Ballarat M – Melbourne	Midwifery (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	95.10 (M)
	<b>Nursing</b> (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	87.00 (M), 70.20 (Ba)
CHARLES STURT  AW – Albury Wodonga	<b>Nursing</b> (no prerequisite subjects, but maths, biology and English highly recommended)	n/a (AW)
DEAKIN G – Geelong Waterfront M – Melbourne W – Warrnambool	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	72.00 (M), 65.50 (G), 50.95 (W)
	Nursing (Clinical Leadership) (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	84.90 (M)
	<b>Nursing/Midwifery</b> (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	92.10 (M), 86.70 (G), 75.55 (W)
FEDERATION B – Berwick Gi – Gippsland Mt. Helen (Ballarat)	Nursing (Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 25 in any English.)	50.80 (B), 58.35 (Gi), 34.45 (Mt H)
	Nursing/Midwifery (same prerequisites as nursing)	71.55 (Gi)
HOLMESGLEN Mo – Moorabbin	Nursing (Units 1 and 2: satisfactory completion in one of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: satisfactory completion of English)	Minimum ATAR: 50.00 n/a (Mo)
LA TROBE  AW – Albury-Wodonga  B – Bendigo  Me - Melbourne  Mi – Mildura  S – Shepparton	<b>Nursing</b> (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	71.10 (Me), 65.70 (AW), 55.70 (B), 64.80 (S), 64.00 (Mi)
	<b>Nursing/Midwifery</b> (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	85.95 (Me) 84.05 (B)
MONASH C – Clayton P - Peninsula	<b>Nursing - Scholars Program</b> (Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.)	90.55 (C) n/a (P)
	<b>Nursing</b> (Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.)	77.15 (C) 72.20 (P)
	<b>Nursing/Midwifery</b> (Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.)	91.00 (P)
RMIT Bu - Bundoora	<b>Nursing</b> (Units 1 and 2: satisfactory completion of any Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	65.10 (Bu)
SWINBURNE H – Hawthorn	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	65.85 (H)
VICTORIA UNI St A – St. Albans	Nursing (Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics or Units 3 and 4: any Mathematics; 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 Biology, Chemistry, Health And Human Development or Psychology.)	n/a (St A)
	Midwifery/Nursing (Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics or Units 3 and 4: any Mathematics; 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 Biology, Chemistry, Health And Human Development or Psychology.)	81.40 (St A)



Division 2 or Enrolled nurses are trained with the full spectrum of nursing qualifications, and these skills include communicating with patients, working in a team, medication, and clinical nursing duties. These nurses are able to implement and monitor patient care, administer medicines, comply with infection control and work, health, and safety policies, perform clinical assessments and contribute to planning patient care. To become an Enrolled nurse, one must complete a Diploma of Nursing. The VCE entry requirement for the diploma is a Year 12 pass. On completion of the course students will be eligible to apply for registration as an Enrolled Nurse with the Australian Health Practitioner Regulation Agency (AHPRA) or go on to further study to become a Registered Nurse.

<u>Note</u>: The Diploma of Nursing is currently a <u>Free TAFE</u> course.

#### Students are advised to browse **VTAC** for a comprehensive list of all nursing courses.

INSTITUTION	MAJOR SUBJECTS ON OFFER IN 2022	
Box Hill Institute Box Hill Campus Lilydale Campus	Acute Nursing Care, Aged Care Nursing, Anatomy and Physiology, Assessment and Nursing Care Plans, Chronic Nursing Care, Community/Sub-acute Nursing, Complex Nursing Care, Cultural Diversity, Infection Control, Medications and Intravenous Medications, Mental Health, Reflective Practice, Research, Work Health Safety.	
Chisholm Institute Berwick Campus Frankston Campus	Administer and monitor intravenous medication, apply research skills within a health environment, assess clients and manage client care, contribute to the care of mothers and babies, practise in the domiciliary health care area, provide nursing care to clients in palliative care.	
Federation University Ballarat Campus Wimmera Campus	Administer and monitor medications, Health information, Nursing care plans, Wound management.	
Holmesglen Institute City Campus Moorabbin Campus	Acute, aged care, complex care, culture and diversity, diabetes, general nursing, health and human biology, infection control, law and ethics, mental health, palliative care, pharmacology, primary health care, stress management, work place health and safety.	
RMIT University Bundoora Campus City Campus	Acute care, Aged care, Anatomy and physiology, Clinical assessment, Clinical studies, Communication, Medication Administration, Mental Health, Primary care.	
Swinburne University Wantirna Campus	Acute health problems, Anatomy and physiology, Care for older clients, Chronic health problems, First aid, Infection control policies and procedures, Medication delivery, Mental health conditions, Nursing care, Nursing communication, Pathophysiology, Pharmacology.	
TAFE Gippsland Bairnsdale Campus Leongatha Campus Morewell Campus Warragul Campus	Aged Care, Community Health, Nursing.	
The Gordon Geelong City Campus Werribee Campus	Administering medications, Anatomy and physiology, Communication skills, Infection, Legal and ethical issues associated with nursing, Nursing patients with complex needs.	



- <u>Collarts</u> is an independent college offering a range of specialised courses from animation to fashion, from music to interior design.
- Collarts offers a hands-on, collaborative approach to learning, and the college strives to support those who want to succeed in the creative and entertainment industries, both nationally and internationally.
- Throughout their education, students are given opportunities to gain work experience at music festivals, entertainment venues, recording facilities, radio stations, and with brands and organisations at the forefront of contemporary culture.
- Importantly, as part of each degree, students also undertake a comprehensive work placement.
- Students are encouraged to browse the links below to learn more -

Animation & VFX
Audio Engineering
Comedy
Digital & Social Media
Entertainment Journalism
Entertainment Management

Fashion Marketing
Fashion & Sustainability
Interior Design
Music Performance
Music Production
Screen & Media





