



Issue No. 1

Friday, 10 February 2023

Welcome to the first edition of the Careers Newsletter. I look forward to another great year of supporting the students in their journey of career exploration and making important decisions regarding post-secondary options. I am available all week and am more than happy to assist students and parents. I can be contacted via email on helen.madden@pvcc.vic.edu.au to make an appointment.

Don't forget also to 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 –

- Dates to Diarise in Term 1
- What the Career Centre can assist you with?
- Applying for a Tax File Number (TFN)
- Times Higher Education World University Rankings 2023
- Career as a Biomedical Engineer
- Quality Indicators for Learning and Teaching (QILT)
- The Hansen Scholarship 2024 at the University of Melbourne
- Environmental Science Degrees in Victoria in 2023

- Academic Excellence Scheme at the University of Sydney
- Why Study Medicine, Nursing and Health Sciences at Monash University?
- Career in Health Information Management
- ADF GAP Year 2024
- Career as an Intelligence & Policy Analyst
- Agriculture Degrees on offer in Victoria in 2023



- Year 10 – Students to finalise Work Experience placements – End of Term 1.
- Year 12 – University of Melbourne – Hansen Scholarship – applications close March 9, 2023.
- ADF Gap Year – Applications open in March



Apprenticeships Information	Résumé Writing Skills
Cadetships & Traineeships	SATs
Career Expos	Scholarship Opportunities
Careers Testing - Morrisby Profile	Subject Selection Counselling
GAP Year Opportunities	TAFE Courses & Programs
Individual Interviews	Tertiary Application Process - Interstate
International Study	University Courses & Programs
Interstate Universities	University Extension Studies
Interview Skills	VCAA Information
Open Days	VET in Schools
Overseas Exchange Programs	VTAC Process
Part-time & Casual Job Opportunities	Weekly <i>Career News</i> Updates



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

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 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 [TFN Application](#)



The *Times Higher Education* World University Rankings 2023 include 1,799 universities across 104 countries and regions, making them the largest and most diverse university rankings to date. Australian universities rank in the top 350 of over 1,700 universities, which is quite an achievement. Below are the **top 10 universities in Australia**, with the leading two universities in Victoria.

Australia Rank 2023	World University Rank 2023	University	State/territory
1	34	University of Melbourne	Victoria
2	44	Monash University	Victoria
3	53	The University of Queensland	Queensland
4	=54	University of Sydney	New South Wales
5	62	Australian National University	Australian Capital Territory
6	=71	UNSW Sydney	New South Wales
7	88	University of Adelaide	South Australia
8	=131	The University of Western Australia	Western Australia
9	133	University of Technology Sydney	New South Wales
10	175	Macquarie University	New South Wales

Below are *where all Australian universities* rank.

University of Melbourne	34
Monash University	44
University of Queensland	53
University of Sydney	= 54
Australian National University	62
University of New South Wales (UNSW)	=71
University of Adelaide	88
University of Western Australia	=131
University of Technology (Sydney)	133
Macquarie University	175
Curtin University	201-250
University of Newcastle	201-250
Queensland University of Technology (QUT)	201-250
Western Sydney University	201-250
University of Wollongong	201-250
Australian Catholic University (ACU)	251-300
Bond University	251-300
University of Canberra	251-300
Deakin University	251-300
Griffith University	251-300
La Trobe University	251-300
Flinders University	301-350
RMIT University	301-350
University of South Australia	301-350
University of Queensland	301-350

To find out more about the Times Higher Education World Universities Rankings, visit [Best Universities in Australia](#) and [World Ranking of Australian Universities](#).



The Good Universities Guide* states that *Biomedical Engineers apply engineering and scientific methods to find solutions to problems in medicine and the life sciences.*

Biomedical Engineers fulfil a number of tasks including –

- *Designing new medical monitoring, diagnostic and therapeutic equipment*
- *Setting up and maintaining medical equipment*
- *Plan data processing services and the development of associated computing programs*
- *Analyse new medical procedures to forecast likely outcomes*
- *Participate in medical or scientific procedures where biomedical skills are needed*
- *Design and deliver technology to assist people with disability*
- *Analyse and design prosthetic and orthotic devices*

* [Biomedical Engineer](#)

To become a Biomedical Engineer, students you usually have to complete an engineering degree at university with a major in biomedical engineering. Several universities in Victoria offer Biomedical Engineering as a specialisation. Students are encouraged to browse [VTAC](#) to learn about these courses and their entry requirements.



Quality Indicators for Learning and Teaching (QILT)

The **Quality Indicators for Learning and Teaching (QILT)** website assists students in making informed choices about their higher education options by bringing together survey data from all Australian universities, allowing students to compare student experience and job outcomes. Data is collected from over 400,000 students, graduates, and employers QILT surveys every year. Covering all study levels and both domestic and international students, QILT is regarded as the only comprehensive system of higher education surveys in Australia. All 41 Australian universities and around 90 non-university higher education providers take part in the QILT surveys.

So, students can compare the student experience, whether domestic or international, between universities, and learn more about employment outcomes of the different institutions.

Visit [ComparED](#) and explore and compare institutions and study areas based on real life student experiences provided through the QILT surveys.



Selection is based on:

- Track record of academic excellence and a commitment to academic success in university studies
- Demonstrated ability to achieve success in the face of adversity and overcome obstacles
- Demonstrated ability to apply skills and strengths towards activities which benefit others
- Demonstrated ability to work effectively in a team and lead those around you
- Likelihood of thriving as a Hansen Scholar and actively contributing to the Hansen Scholarship Program

Benefits of the scholarship include –

- a standard room for 52 weeks each year, at no charge, for the standard full-time, three-year undergraduate degree at Little Hall residence in Lincoln Square South;
- an allowance of \$4000 per year for general living expenses for the standard full-time duration of the undergraduate degree;
- full fee remission for asylum seekers who would otherwise have to pay international fees;
- a one-time grant of up to \$4000 to support an approved activity for the Scholar's development such as an international exchange, an international subject, an internship or similar role;
- access to a mentoring program, pastoral care, and development programs available to all students at Little Hall as well as a tailored program of mentoring and support exclusively for Hansen Scholars;
- priority access to graduate accommodation at Little Hall should the Hansen Scholar wish to pursue graduate studies at Melbourne after completing their undergraduate degree; and
- next steps funding after completion of the scholar's undergraduate degree (competitive process to apply for up to \$10,000 for a career-related activity)
- students who meet the requirements for the Melbourne Chancellor's Scholarship will receive the Melbourne Chancellor's Scholarship Guaranteed Commonwealth Supported Place in one of the [professional master degrees](#) for students who meet the prerequisite course and entry requirements for the master degree.

Applications open on 3 February 2023, and close on **9 March 2023**.

Find out more, including answers to FAQs, information about the program patron, and current Hansen Scholar profiles, at [The Hansen Scholarship Program](#).



[Monash University - Science](#) and [Uni Melbourne - Science](#).

For a comprehensive list of all courses featuring environmental studies, their prerequisites and double degrees on offer, visit [VTAC](#)

INSTITUTION	COURSE	VCE PREREQUISITES	MAJOR STUDIES IN 2023
CHARLES STURT	Environmental Science and Management	n/a but a successful completion of Year 12 is required.	Applied Earth Science, Aquatic Ecosystems, Climate and Sustainability, Ecology and Conservation, Parks, Recreation and Heritage.
DEAKIN	Environmental Science (Environmental Management and Sustainability)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Applied data analytics, Biology, Bushfire management, Catchment management, Coastal and marine management, Conservation biology/ecology, Ecological studies, Ecology, Ecosystem management, Ecotourism, Environmental health, Environmental impact assessment, Environmental management, Environmental policy and planning, Environmental project management, Environmental protection, Environmental science, Environmental social science, Global engagement, Indigenous studies, Land management, Natural resources management, Nature conservation, Parks and reserve management, Plant and animal biology, Pollution control, Professional practice, Research methods, Resource efficiency, Science, Sustainability, Waste management, Water resources management, Wildlife management.
FEDERATION	Environmental and Conservation Science	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.	Environmental and Conservation Science.
RMIT	Environmental 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 20 in any Mathematics.	Catchment management, Conservation, Ecology, Environmental analysis, Environmental biology, Environmental chemistry, Environmental engineering, Environmental monitoring, Environmental policy and management, Geospatial science, Recycling.
	Environment and Society	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Applied environmental research, Climate change responses, Environmental assessment and monitoring, Environmental economics, Environmental representations and communications, Environmental thought and action, Environmental work placements, Global politics and economics, Indigenous Peoples and land management, Natural resource management, Policy practice, Power and governance, Sustainability, Urban and regional planning, Urbanisation.
	Geospatial 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 20 in any Mathematics.	Applied geospatial technologies, Cartography, Distributed mapping and visualisation, Earth observation systems, Geographic Information Systems, Geospatial information science, Geospatial intelligence, Surveying.
VICTORIA	Science (Biotechnology OR Ecology and Environmental Management)	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.	Biotechnology, Ecology and environmental management.



From this year, the University of Sydney has introduced the **Academic Excellence Scheme** to recognise domestic students who achieve high performance in higher levels of English and mathematics by applying adjustment factors to boost their selection rank for eligible courses.

A student's ATAR will not change; however, their selection rank can increase for particular courses based on these subject-related adjustment factors.

Students considering studying at the University of Sydney in 2024 or beyond, are recommended to find out more at [Academic Excellence Scheme](#).



Why should students consider studying *medicine, nursing, or the health sciences* at Monash University?

The Faculty of Medicine, Nursing and Health Sciences at Monash University is one of Australia's largest providers of education for doctors, nurses, and allied health professionals.

The faculty gives [seven reasons](#) for studying with them.

Students might like to also browse [courses in medicine, nursing, and health sciences](#) at Monash University.



According to the Good Universities Guide*, *Health Information Managers combine knowledge of healthcare processes, health records and administration, information management and human resource management to provide services that meet the medical, legal, ethical, and administrative requirements of the healthcare system.*

Duties & tasks of a Health Information Manager include -

- planning and developing health information systems for various types of healthcare facilities, including computerised patient identification systems, coding and analysis of diseases and procedures, and the design of health record forms
- revising and testing the effectiveness of existing health information record services in hospitals and other healthcare facilities
- developing and implementing new policies and procedures for handling health information in accordance with professional ethics, institutional requirements, and relevant legislation, including the Freedom of Information Act
- controlling the transfer of relevant health service data to state health departments
- assisting with medical research and healthcare projects

*[Good Universities Guide - Health Information Manager](#)

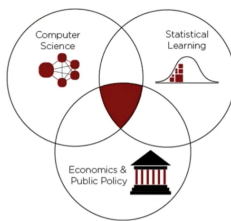
The **La Trobe University** offers the [Bachelor of Health Information Management](#) that might interest some students. This degree prepares students for a career that combines the clinical and administrative/ management aspects of healthcare and digital health, with an emphasis on clinical classification, health data analytics, health informatics (including e-health) and management.

ADF GAP YEAR

The **ADF Gap Year** program provides an opportunity for young Australians, who have finished Year 12 (or equivalent) and are aged between 17 and 24, to experience military training and lifestyle whilst gaining new skills and pay over their Gap Year. The life skills and job training that students acquire during their Gap Year experience will be valuable regardless of what career they ultimately undertake. **Gap Year opportunities are available in the Navy, Army and Air Force.**

The GAP Year will commence in January/February 2024 and the jobs available are in the Navy, Army, and Air Force. Applications for 2024 open in March!

To find out more information about the ADF Gap Year program please visit [ADF GAP YEAR](#).



The [Your Career](#) website states that *Intelligence and Policy Analysts collect and analyse information and data to produce intelligence and to develop and analyse policies guiding the design, implementation and modification of government and commercial operations and programs.*

The [Good Careers Guide](#) website states that *Policy Analysts develop and advise on policies that guide government and commercial departments and organisations.*

Some of the day-to-day tasks of include –

- organising, collecting, collating and analysing data, and developing intelligence information, such as electronic surveillance
- compiling and distributing intelligence information using briefings, maps, charts, reports and other methods
- liaising and consulting with program administrators and other interested parties to identify policy needs
- reviewing existing policies and legislation to identify anomalies and out-of-date provisions

To become an Intelligence and Policy Analyst, a student usually needs a bachelor degree in *intelligence operations, political science, international relations*, or another related field to work as an Intelligence or Policy Analyst. It is also quite common to complete postgraduate studies.

There are a number of universities in Victoria that offer courses, or majors within other courses, related to political science and international relations. Some of these include –

- [Bachelor of International Studies](#) at Deakin University
- [Bachelor of Global Studies](#) at La Trobe University

- [Bachelor of Politics, Philosophy and Economics](#) at La Trobe University
- [Bachelor of Politics, Philosophy and Economics](#) at Monash University
- [Bachelor of International Studies](#) at RMIT University
- [Bachelor of International Studies \(Development\)](#) at RMIT University
- [Bachelor of International Studies \(Global Security\)](#) at RMIT University
- [Bachelor of Arts](#) (majoring in [politics, power and technology](#)) at Swinburne University
- [Bachelor of Arts](#) (majoring in [politics and international studies](#)) at University of Melbourne



VTAC.

INSTITUTION	COURSE NAME	VCE PREREQUISITES	MAJOR STUDIES IN 2023
LA TROBE UNIVERSITY	Bachelor of Agriculture	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.	Agriculture.
	Bachelor of Business (Agribusiness)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Agribusiness.
	Bachelor of Science (Crop 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.	Crop science.
MARCUS OLDHAM COLLEGE	Bachelor of Business (Agriculture)	n/a, but completion of Year 12, the ATAR, and participation in an interview are all considered for selection.	Agriculture, Farm Management and Agribusiness .
	Bachelor of Business (Agribusiness)	n/a, but completion of Year 12, the ATAR, and participation in an interview are all considered for selection.	Agribusiness.
MELBOURNE POLYTECHNIC	Bachelor of Agriculture and Technology (Agronomy Major)	Successful completion of Year 12	Agronomy major.
	Bachelor of Agriculture and Technology (Viticulture and Winemaking Major)	Successful completion of Year 12	Viticulture and Winemaking major.
UNIVERSITY OF MELBOURNE	Bachelor of Agriculture	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 or at least 30 in Maths: General (Further) Mathematics.	Agricultural economics, Plant and soil science, Production animal science.

WILLIAM ANGLISS INSTITUTE	Bachelor of Food Studies	n/a, but completion of Year 12, the ATAR, and participation in an interview are all considered for selection	Agriculture and Farming Systems, Culinary Artistry, Culture and Cuisine, Diet and Health in Society, Economics and Global Impacts, Food Movements and Social Change, Food and Gastronomy in Literature and Media, Innovation and Entrepreneurship.
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