

# WONTHAGGI SECONDARY COLLEGE

## CAREER NEWS 8

March 18<sup>th</sup> 2019



### Guaranteed Entry at UNSW

Simply put, **Guaranteed Entry** allows us to tell you today what selection rank (ATAR + Adjustment factors) will guarantee you a place in a particular degree here at UNSW.

The **University of New South Wales (UNSW)** introduced a **Guaranteed Entry** in 2016. Offers to UNSW are made based on the ATAR plus any eligible Adjustment factors, and with the Guaranteed Entry, UNSW provides clarity by publishing the Guaranteed Selection Rank that assures students entry to UNSW in a particular degree.

Browse [Guaranteed Entry at UNSW](#) to find out more.



### What does a Computer Systems Auditor do?

The [Good Universities Guide](#) states that a **Computer Systems Auditors** are involved in the *design and monitoring of control systems, which ensures the accuracy and security of data. They also review an organisation's computing environment and the use of their computer facilities. Computer systems auditors provide managers with expert opinions about the reliability of results and operations of computer systems. It is essential that computer systems auditors understand both the accounting and information technology implications of computer systems.*

Successful **Computer Systems Auditors** –

- Are interested in business
- Have accuracy and attention to detail
- Are logical and analytical
- Have good communication and interpersonal skills
- Have good leadership skills

To become a **computer systems auditor**, students usually have to complete a degree in *information technology, accounting, commerce, information systems or business information systems.*

**NOTE:** The Information Technology Matrix further on in this *Career News* provides information on numerous courses which offer major studies in information technology, information systems, and/or business information systems.



## **Experience Clever at La Trobe University**

*Experience Clever* gives Year 10, 11 and 12 students the chance to experience Uni for a day. Not only will students get to see the campus, but also get to take part in fun and dynamic workshops led by real lecturers. Students will choose from over 50 workshops in a broad range of study areas. From there, they will experience real classroom environments and interact with university staff and students. There will be campus and accommodation tours, free catering, prizes and entertainment. Students are encouraged to register early before sessions fill up.

**Date:** Friday 12 April 2019

**Time:** 9.00am – 4.30pm

**Venue:** La Trobe University, Melbourne Campus, [Union Building](#)

Register at [Experience Clever at La Trobe](#)



## **Step on Campus Holiday Event**

*Step on Campus* gives students and their families an opportunity to take a personalised tour of Deakin University during the Term 1 school holidays. Participants will be offered a 45-minute tour with a current Deakin student to learn about Deakin's study areas, campus life and how to make the best transition into university.

**Where:** Melbourne Burwood, Geelong Waurnd Ponds, Geelong Waterfront and Warrnambool campuses

**Dates:** Melbourne Burwood Campus – Wednesday 10 and 17 April 2019  
Geelong Waurnd Ponds Campus – Thursday 11 and 18 April 2019  
Geelong Waterfront Campus – Tuesday 16 April 2019  
Warrnambool Campus – Tuesday 16 April 2019

**Times:** Times vary per campus

Register for one or more tours at [Step on Campus](#)



## **Day in the Life of a Fashion Illustrator – Holiday Workshop**

This hands-on 1-day workshop is open to all Year 10 – 12 students, and aims to provide the opportunity to experience *life as a fashion illustrator* and to develop skills to present creative ideas for their portfolio. The workshop is designed for students interested in communicating their design concepts through fashion illustration and wanting to develop fashion portfolios. Tips for folio presentation and layout will also be discussed.

**Date:** Friday 12 April 2019

**Time:** 9.30am – 4.00pm

**Location:** Box Hill Institute – Nelson Road

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**Cost:** \$75 plus processing fee

**Registration:** [A Day in the Life of a Fashion Illustrator](#)



MONASH University

### **News from Monash University**

➤ **Experience a Day in the Life of a Monash MNHS Student**

Students wanting to know what it is like to study *medicine, biomedical science or nursing* at Monash University are encouraged to watch a few videos which are hosted by current students, takes viewers inside their lectures, placements, and favourite places on campus to show what a typical day looks like.

Watch four short YouTube videos at a [Day in My Life](#)

➤ **Global Immersion Guarantee (GIG)**

The *Monash Arts Global Immersion Guarantee (GIG)* is a ground-breaking *new* initiative – a guaranteed two-week overseas study experience for all first year [Bachelor of Arts](#) and [Bachelor of Global Studies](#) students who have successfully completed one semester (24 credit points or equivalent) of their Bachelor of Arts or Bachelor of Global Studies single or double degree, and are in good academic standing. The cost of airfares, accommodation and local travel are covered as part of the program. Students will only have to pay for food and any other living costs whilst away.

Over the two weeks, students will study the impact of the global movement of people and goods on environmental sustainability; in either Prato (Italy), Monash Malaysia, or Indonesia, and students will earn credit for 12 credit points towards their degree.

Find out more at [Global Immersion Guarantee \(GIG\)](#)



### **Bachelor of Design (Communication Design) at RMIT**

*Communication Design applies to the shaping of communication across all aspects of contemporary society, from commercial, entertainment, and education, to environmental, cultural, and civic sectors.*

Students considering studying the [Bachelor of Design \(Communication Design\)](#) at RMIT University will find that this course prepares them to be a *locally and internationally aware communication designer capable of working across a range of domains and industries, including graphic design, advertising, branding and illustration consultancies, as well as design and communication units within corporate, government and non-government organisations.*



### **European Double Degrees**

As part of the [Bachelor of Engineering \(Honours\)/Master of Engineering program](#), students are now offered the exciting opportunity to study overseas with one of UQ's premier European partners. Selected students will spend at least three semesters studying in either *Germany, France, or Sweden*. Students will gain an invaluable global perspective, international industry experience, and will graduate with two master degrees - one from the partner university and one from The University of Queensland.

Discover more at [European Double Degrees](#)



## Information Technology Degrees in Victoria

Several Victorian universities offer a broad range of **Information Technology** degrees and below is a list of many of these courses. **For a comprehensive list of courses (including the many double-degree options) on offer at both TAFEs and universities, visit [VTAC](#).**

INSTITUTION	VCE PREREQUISITES	MAJOR STUDIES IN 2019
<b>CHARLES STURT</b>	n/a <b>2019 ATAR: n/a</b>	Computer programming, computing, computing (networks), object-orientated programming, software engineering, systems administration, systems analysis.
<b>CQU</b>	Units 3 and 4: a study score of at least 25 in any English. <b>2019 ATAR: n/a</b>	Application Development, Business Analysis, Network Security.
<b>DEAKIN</b>	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. <b>2019 ATAR: 60.00 (M) 62.30 (G)</b>	Animation (games), Application development, Cloud computing, Computer and network security, Computer networks, Computer programming, Creative technologies, Cyber security, Databases, Distributed systems and applications, Game programming, Games development, Information technology, Networking (CISCO curriculum), Object-oriented design, Object-oriented programming, Operating systems, Programming, Project management, Security and management, Software development, Systems and networks, Virtual and augmented reality, Web applications programming, Web design.
<b>FEDERATION</b>	Units 3 and 4: a study score of at least 20 in any English. <b>2019 ATAR: 33.55 (Be), 31.90 (Gi), 53.05 (Ba)</b>	Big Data & Analytics, Cloud & Enterprise Computing, Communications & Technology, Data Modelling, Game Development Fundamentals, IT Problem Solving, IT Project Management Techniques, Mobile Development Fundamentals, Professionalism & Entrepreneurship, Systems Modelling, Understanding the Digital Revolution, User Experience, Web Design.
<b>LA TROBE</b>	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. <b>2019 ATAR: 52.10 (M) 53.10 (Be)</b>	Big data, Computer applications, Computer networks, Database systems, Information Technology, Information systems, Information systems management, Multimedia authoring, Object-oriented development, Project management, Software development, Software engineering, Systems and software engineering, Systems design and development, Web applications programming, Website development.
<b>MONASH</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 30 in English (EAL) or at least 25 in English other than EAL. <b>2019 ATAR: 80.15 (CI)</b>	Business information systems, Computer networks and security, Computer programming, Computer science (minor), Computing, Cybersecurity (minor), Data science (minor), Digital humanities, Games design (minor), Games development, IT for business (minor), Information management, Information technology, Interactive media, Mobile apps development (minor), Software development, Software engineering (minor), Web development (minor).
<b>RMIT</b>	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. <b>2019 ATAR: 67.05 (C)</b>	Business IT, Data networks, Database administration, Databases, Graphics, Information technology, Internet technology, Networks and data communications, Object-oriented modelling, Object-oriented programming, Problem solving, Professional practice, Programming, Programming (.NET), Programming (C#), Programming (C), Programming (Java), Programming (PHP), Security, System administration.
<b>SWINBURNE</b>	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL). <b>2019 ATAR: 60.00 (H)</b>	Business systems, Network technology, Software technology, Systems analysis, Systems management.
<b>VICTORIA</b>	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. <b>2019 ATAR: n/a (FP)</b>	Network and system computing, Web and mobile application development.



## Computer Science Degrees in Victoria

Several Victorian universities offer **Computer Science degrees** and below is a list of many of these courses. **For a comprehensive list of all courses (including the many double-degree options) on offer at both TAFEs and universities, visit [VTAC](#)**

INSTITUTION	VCE PREREQUISITES	MAJOR STUDIES IN 2019
<b>DEAKIN</b> M – Melbourne Campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.  <b>2019 ATAR: 61.70 (M)</b>	Algorithms, Artificial Intelligence, Computer science, Computer software, Computing systems, Computing systems integration, Cyber-physical computing, Data and information management, Data mining and machine learning, Data science, Embedded computing, Programming, Project management, Robotics, Sensors and data, Software design and development, System prototyping.
<b>LA TROBE</b> M – Melbourne Campus	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 Maths: Mathematical Methods or Maths: Specialist Mathematics.  <b>2019 ATAR: 56.55 (M)</b>	Algorithms and data structures, Artificial intelligence, Big data, Computer Science, Computer architecture, Computer programming, Database programming, Databases, Industrial collaboration and experience, Network security, Networks, Operating systems, Software engineering, Wireless technologies.
<b>MONASH</b> CI – Clayton Campus	Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.  <b>2019 ATAR: 84.40 (CI)</b>	Algorithms and data structures, Computational science, Computer graphics, Computer programming, Computer science, Computing, Data science, Databases, Digital humanities, Distributed systems and applications, Information and communication technology, Information technology, Programming, Software development, Systems development.
<b>RMIT</b> C – City Campus	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.  <b>2019 ATAR: 80.20 (C)</b>	Algorithms and data structures, Animation, Artificial intelligence, Big Data, Cloud computing, Computer and network security, Computer graphics, Databases, Enterprise systems, Internet, Networks and data communications, Object-oriented design, Object-oriented modelling, Object-oriented programming, Operating systems, Problem solving, Programming, Programming (.NET), Programming (C++), Programming (Java), Security, Software engineering.
<b>SWINBURNE</b> H – Hawthorn Campus ** Professional degree	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); 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: a study score of at least 20 in any Mathematics.  <b>2019 ATAR: 65.05 (H)</b> <b>2019 ATAR: 78.35 (H) **</b>	Cybersecurity, Data science, Games development, Internet of Things, Network design, Software design, Software development.

## Snapshot of James Cook University (JCU) in 2019

- JCU is 1 university in 2 countries with a number of [campuses](#), with the main campuses being [Townsville](#) and [Cairns](#)
- JCU is the second-oldest university in Queensland and is dedicated to research in areas such as marine sciences, biodiversity, tropical ecology and environments, global warming, tourism, and tropical medicine
- JCU is the leading university in the tropics and ranked in the [top 2 percent](#) of the world's tertiary institutions by the respected Academic Ranking of World Universities produced by the Shanghai Jiao Tong University
- Some of the most popular [courses](#) offered at JCU include:  
[Bachelor of Medicine Bachelor of Surgery](#)  
[Bachelor of Dental Surgery](#)  
[Bachelor of Physiotherapy](#)  
[Bachelor of Veterinary Science](#)  
[Bachelor of Marine Science](#)
- JCU has six colleges and one centre
  - [College of Arts, Society and Education](#)
  - [College of Business, Law and Governance](#)
  - [College of Healthcare Sciences](#)
  - [College of Medicine and Dentistry](#)
  - [College of Public Health, Medical and Veterinary Sciences](#)
  - [College of Science and Engineering](#)
  - [Indigenous Education and Research Centre](#)
- JCU has an excellent [Student Exchange Program](#)

### ➤ **Fast Facts for Health or Veterinary Science Students**

JCU has a few programs where a combination of a written application and academic results is required for selection including ***dentistry, medicine, physiotherapy, and veterinary science***. Students applying for one or more of these courses should take note of the following **Top Tips for Written Applications**:

1. Read and follow the instructions to the letter
2. Make sure to sign the Statutory Declaration, and have it witnessed by an authorized person
3. Check and double check before you send your application in, as JCU can only accept one copy of the application per student
4. Get the application in before the closing date – for everyone’s peace of mind!
5. Look for opportunities that indicate your commitment/motivation to study health (e.g. work experience, volunteer work, paid employment) etc.
6. Complete your answers within the space provided
7. Write neatly so your answers can be read!
8. Keep abreast of current events as you may be asked to give your opinion on these should you be invited to an interview (medicine specific)
9. Arrange no more than 3 letters of support - It is a competitive process so if you are asked to “Provide 3 Recommendations” select your best three as only the first three will be read and any extras will not be considered
10. Remember: your application is heavily weighted to get to interview stage. You must be passionate about indigenous, tropical, and rural health and reflect this in your application

Students are encouraged to visit [James Cook University](#) for more information.