

## MATRICES 2019



### 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](http://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.