Whether it’s biometric recognition, digital health monitoring or connectivity to the Internet of Things, technology is shaping how we live at an unprecedented and increasing speed.

If you want to be part of this transformation, the Master of Information Technology places you at the cutting edge.

You’ll experience innovative learning with industry-led projects at the University’s Digital Enterprise Lab, which might include digital health, digital tourism and smart cities. You will master cutting-edge technologies in artificial intelligence, virtual/augmented reality and the Internet of Things with advanced coursework and real-world applications.

The course is designed for both IT and non-IT professionals and it enables you to tailor your studies with advanced specialist units.

As a graduate, you are well-prepared for senior and leadership roles in all manner of businesses and organisations, from both the private and public sector.
Major areas of study

Core studies include:

- Principles of user experience design
- Fundamentals of programming
- Designing information systems
- Organisational behaviour
- Managing information systems
- Computer networks.

Specialise in one of the following:

- Data science
- Cyber security
- Software development
- User experience.

Examples of specialist units are:

**Advanced cybersecurity**

Students gain advanced vendor-neutral cyber security knowledge for complex systems like the Internet of Things (IoT).

**Big data analysis and tools**

Equips students with the tools to build contemporary Big Data processing and analysis systems.

**Computational intelligence and machine learning**

Introduces students to machine learning and become familiar with a wide range of algorithms and implement them for problem-solving in Python/Octave.

**Computer forensics**

Provides students with digital forensic and professional investigative processes using advanced cybersecurity knowledge. Students learn tools and techniques for gathering evidence, analysing data and writing investigation reports.

**Internet engineering**

Provides students with advanced concepts underlying the design, implementation and management of Internet-based systems.

**Programming mobile and cloud systems**

Provides students with theoretical and practical skills to respond to rapidly changing mobile and cloud application development.

**IT entrepreneurship and innovation**

Introduces students to digital innovation: the entrepreneurial environment and way of thinking, and the process of innovation.

Career opportunities

Graduates will be prepared for a variety of roles with advanced expertise in cyber security, software engineering, user experience and data science.

Teaching methods

On-campus students experience a variety of teaching approaches including lectures, tutorials, online activities and video-linked or podcast virtual classes. The method of teaching may vary from unit to unit.

How to apply

Apply online (preferred) at [scu.edu.au/international](http://scu.edu.au/international) OR complete the [International Application for Admission](http://internationalapplication.com) form with all supporting documents:

- Original or Certified copy of academic transcripts, with grading system
- Academic or employer references (if required)
- English language test results (e.g. IELTS, TOEFL)
- Advanced standing application (if relevant).

Submit your completed application with all supporting documents to intapps@scu.edu.au

Pathway

Student who do not have the recommended academic skills or English language score may apply for the Postgraduate Qualifying Program (PQP) or English for Academic Purposes (EAP).

Details

**Location:** Gold Coast  
**Duration:** 2 years  
**Starts:** March, July, November  
**Units:** 16  
**CRICOS:** 097605B  
**2020 Annual fees:** $29,200*  

*Annual tuition fees are in Australian dollars (AUD), are correct at time of printing and subject to change. They are based on completing eight (8) units per year. Students are required to pay Overseas Student Health Cover (OSHC) for the duration of the visa in advance. In addition, students will be charged Student Services and Amenities Fees (SSAF) and indicative non-tuition fees of $1,000 to $2,000 per year.

Admission requirements: Qualification equivalent to an Australian Bachelor degree; and English language comparable to Academic IELTS 6.0 with no band less than 5.5.