RMIT UNIVERSITY

Master of Information Technology

2019
Postgraduate

Flexible options in the Master of Information Technology give you the technology skills and programming power to boost your career.

Whatever your programming background, the Master of Information Technology is the quickest and best pathway to a technology career.

It gives you the technical proficiency and theoretical base to keep pace with rapid changes in technology and business.

You will learn essential technical skills, apply them to a range of platforms, and develop expertise in IT fundamentals, such as algorithms, analytics, data mining, cloud computing and programming.

You can choose to focus on one of these key areas:

- big data management
- cloud computing
- mobile computing
- security
- software architecture
- web systems and search technology.

You will also have the chance to apply for an industry project at the forefront of technological innovation.

Industry partners help design the program so it matches market trends and employer needs.

Graduating as a creative problem-solver, you'll be adept at using the latest technology to find business solutions in any context – from banking to health, government and more.

Industry connections

Industry is at the heart of the Master of Information Technology. The program maintains substantial links with business, government and other technology-related organisations, both in Australia and internationally.

Industry professionals work with our academics to ensure program and course content meet the latest requirements of employers and matches market trends though our Industry Advisory Committee (IAC).

The IAC is actively involved with life at RMIT through participation in seminars, marketing events, industry awards and scholarships.

Professional recognition

Graduates are eligible to apply for professional-level membership with the Australian Computer Society. The Master of Information Technology is accredited at the professional level by the society.

Learning and teaching

You will have access to specialised computer laboratories for use during and outside of scheduled classes. These laboratories provide access to a range of computer environments including a variety of database products under different operating systems.

Career outlook

With ongoing information and communication technology (ICT) skills shortages demand for graduates is growing year-on-year, you'll be well placed to secure rewarding roles worldwide, whatever your technology specialisation.

Program snapshot

Program code: MC208

Exit points

After completing 96 credit points of study approved by the program manager, you may exit with a graduate diploma.

Duration

Full-time: 2 years
Part-time: 4 years

Location

City campus

Program Manager

Associate Professor Vic Ciesielski
Tel. +61 3 9925 2926
Email: vic.ciesielski@rmit.edu.au

How to apply

Direct to RMIT University:
rmit.edu.au/programs/apply/direct

Fees

To learn how to calculate your fees visit:
rmit.edu.au/programs/fees/postgraduate

rmit.edu.au/programs/mc208

Program structure

The Master of Information Technology consists of 192 credit points.

The program includes seven core courses and the choice to specialise in four areas of expertise.

You have the option to complete a project or research stream in your second year in your area of specialisation.

There are four areas of specialisation to chose from:

- Big data management
- Cloud computing
- Mobile computing
- Security.

Year 1	Programming Fundamentals	Software Engineering Fundamentals	Database Concepts	Advanced Programming
	Usability Engineering	IT Infrastructure and Security	Program elective	Specialisation course
Year 2	Algorithms and Analysis	Specialisation course	Specialisation course	Specialisation course
	Program elective	Program elective	Program elective	

Compulsory courses | Program electives | Specialisation course

Please note: This is an example of the program structure and program electives. Courses may change and may not be available each semester.

Entry requirements

You must have one of the following:

- A bachelor degree in any discipline

OR

- A minimum of five years of relevant work experience in programming (web, application, database); software engineering; system, functional or business analysis; information, system or enterprise architecture; ICT management; administration (network, systems) support (desktop, help desk, system); web design/media; business information systems or information systems.

Credit and exemptions

If you have completed one of the following qualifications majoring in software engineering, computer science or information technology, subject to RMIT recognition of prior learning (RPL) policy and AQF volume of learning requirements, you will be eligible for exemptions as follows:

Qualification level	Exemptions	Remaining program duration
Bachelor of Software Engineering, Bachelor of Computer Science, or Bachelor of Information Technology	Up to 48 credit points (equivalent to one semester of full-time study)	Minimum of 144 credit points (equivalent to three semesters of full-time study)
Bachelor of Computer Science (Honours)	Up to 96 credit points (equivalent to two semesters of full-time study)	Minimum of 96 credit points (equivalent to two semesters of full-time study)
[Cognate] Graduate Diploma in Software Engineering or Computer Science, which require the completion of a bachelors degree in software engineering or computer science as the entry requirement	Up to 96 credit points (equivalent to two semesters of full-time study)	Minimum of 96 credit points (equivalent to two semesters of full-time study)

This information is designed for Australian and New Zealand citizens and permanent residents of Australia.