

Master of Information Technology (Software Application Development)

Postgraduate | CRICOS Code 117603A | AQF Level 9

Course Details

The Master of Information Technology (Software Application Development) equips you with the technical mastery and leadership acumen to not only keep pace with the future, but to shape it. You'll dive deep into cutting-edge software development practices, emerging technologies, and person-centred skills that make great developers into outstanding team leaders and innovators. Whether you want to lead development teams, architect enterprise-level systems, or launch your own tech venture,

DURATION	2 years
DELIVERY MODE	On Campus
INTAKES	January, April, July, October
LOCATION	Sydney, Australia

Career Outcomes

The Master of Information Technology (Software Application Development) will prepare graduates for a diverse range of roles across many industries, including:

- Software Engineer
- Software Architect
- Software Developer
- Analyst
- Programmer

Entry Requirements

For admission into the Master of Information Technology (Software Application Development) you will need one of the following:

- Completion of an undergraduate bachelor's degree (AQF Level 7); or
- Completion of a relevant bridging or enabling course; or
- Relevant work experience with evidence of ability to study at this level.

International students must also meet the minimum English language requirements (IELTS Academic 6.5 with a minimum sub score of 6 in writing, reading, speaking, and listening or equivalent).

Enquire now

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Course Structure

The Master of Information Technology (Software Application Development) comprises fifteen (15) core units and electives over 400, 500 and 600 levels to meet the requirements with the Australian Qualifications Framework (Level 9), and Higher Educations Standards Framework.



Level 400

Core Units

Emotional Intelligence, Leadership and Communication

Principles of Programming and Database Management Systems

Contemporary Digital Ecosystems

Software Development Essentials

Level 500

Core Units

Language Bots

Principles of Software Systems

Software Analysis and Design

Electives*

Network Infrastructure

Problem Solving in the Digital Age

Human Factors and Cyber Criminal Behaviour

Cloud Computing

Software Engineering: Process and Tools

Digital Transformation Strategies

***Choose one**

Level 600

Core Units

Management Information and Enterprise Systems

Machine Learning: Advancements and Applications

Business Practice for IT Professionals

Security Assessment in Software Development

MIT Capstone OR MIT Work Integrated Learning

Electives*

Digital Data Governance

Information Security

Security Operations

Consultancy and Engaging with Stakeholders

Enterprise Security

Software Testing

Web and Mobile Application Development

***Choose two**