



Master of Information Technology

Master of Information Technology

In a fast-moving digital industry, you need a degree that will equip you to respond to the latest advancements.

Campus
North Sydney

Duration
2 years full-time or equivalent part-time

Contact
acu.edu.au/askacu

CRICOS registered provider: 00004G

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OVERVIEW

ACU's Master of Information Technology reflects on, and responds to, the ethical, legal and social issues that shape the IT sector, and facilitates workplace or industry-related projects to ensure you graduate job-ready and well-placed to take advantage of industry opportunities. This degree is accredited by the Australian Computer Society (ACS) and has Microsoft Certified Fundamentals in Azure, Azure Data, Azure AI and Power Platform built into it. All our units are embedded with the United Nations sustainable goals.

The Master of Information Technology has been designed to provide you with a strong foundation in the cutting-edge technologies of cyber security, data science and artificial intelligence, business analytics, web and mobile application development, and contemporary programming languages such as Python, Java, JavaScript and C#.

ENTRY REQUIREMENTS

To be eligible for admission to the course, you must have completed:

- the equivalent of an Australian bachelor degree in any discipline (the equivalent of an Australian bachelor degree in a related discipline will be eligible for up to four units credit), or
- a graduate certificate in a related discipline.

International applicants need to meet the English language proficiency requirements as defined in the Admission to Coursework Programs Policy.

COURSE STRUCTURE

Completion of 160 credit points (cp), comprised of foundation units (40cp), specialist area units (90cp), master's project units (20cp) and a business elective unit (10cp).

PROFESSIONAL EXPERIENCE

Global tech company Cisco provides a 10-week mentoring program for our students.

WORK PLACEMENT

In addition to the mentoring program with Cisco, you can undertake real IT projects with organisations through the student consultancy hub.

EXIT POINTS

If you complete the requirements for the Graduate Diploma in Information Technology or Graduate Certificate in Information Technology, you may exit from the course with the relevant award.

Students who complete the required combination of units may exit with a:

- Graduate Certificate in Information Technology
- Graduate Certificate in Application Development
- Graduate Certificate in Data Analytics
- Graduate Certificate in Cyber Security
- Graduate Certificate in Data Science.

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CAREER PATH EXAMPLES

Our graduates have pursued careers as

- fullstack developers
- web developers
- mobile developers
- software developers
- software engineers
- programmers
- IT project managers
- IT consultants
- IT support technicians
- IT trainers
- database administrators
- data scientists
- data analysts
- machine learning engineers
- cyber security analysts
- cyber security consultants
- network engineers.

ACCREDITATION

This degree is accredited by the Australian Computer Society (ACS).



FURTHER INFORMATION

For the latest information about this course, please scan the code to view it on our website:



acu.edu.au/course/master-of-information-technology

MASTER OF INFORMATION TECHNOLOGY – SAMPLE COURSE MAP					
YEAR 1	Semester 1	Introduction to Data Science with Python	Modern Database Management	Cyber Security Concepts	Fundamentals of Programming in Java
	Semester 2	Computer Networks	Information Technology Essentials	Network and Information Security	Advanced Programming in Java
YEAR 2	Semester 1	Machine Learning with Scikit-Learn	Data Analytics and Visualisation	Information Technology Master's Project	
	Semester 2	Business Elective	Deep Learning and Emerging topics in Artificial Intelligence	Data Mining Techniques and Applications	Programming Web and Mobile Applications

This is a sample program only and units will vary depending on your campus and mode of study. Please refer to the handbook for the prerequisite units and the current listing.