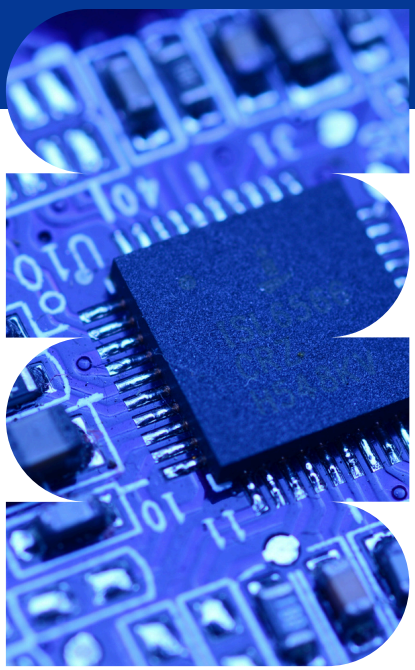
Master of Information Technology and Innovation



CRICOS Course Code
119897K

TEQSA Provider ID
PRV14398

Australian Qualifications Framework (AQF)
Australian Qualifications Framework (AQF) Upon successful completion, the award conferred is recognised in the AQF at Level 9

Full Time
Full Time 2 years (4 Semesters)

Units
16

Credit Points
160

Campus Locations
Sydney
Level 5, 136 Chalmers Street,
Surry Hills NSW 2010 Australia

English Language Requirements
IELTS 6.5 overall with no band less than 6

Delivery Mode
On-campus face-to-face (with essential online self-study LMS resources) in block mode

Outcome
Master of Information Technology and Innovation
Specialisations: Data Analytics, Software Engineering, or Cybersecurity

Pathways Post Completion
This Degree upon successful completion will meet AQF requirements of an AQF level 9 that would allow a pathway to postgraduate studies including PhD.

Intakes
Central Institute of Technology and Innovation accepts 8 intakes per semester.

31-Jan	10-Jul
6-Mar	14-Aug
10-Apr	18-Sep
15-May	23-OCt

Fees
$3,200 per unit
$51,200 course total

Accreditation
This program is accredited by TEQSA and meets Australian Computer Society (ACS) standards.

CENTRAL INSTITUTE OF TECHNOLOGY AND INNOVATION

EV Higher Education Pty Ltd. t/s Central Institute of Technology and Innovation.
Level 5, 136 Chalmers Street, Surry Hills NSW 2010
ACN: 663 709 911 TEQSA: PRV14398 CRICOS: 04425J

Entry Requirements for International Students

The Admissions criteria for the MITI are described in the Central Institute of Technology and Innovation Admissions and Enrolment Policy and Procedures.

Applicants must:

- Be at least 18 years old at the commencement of study.
- Hold an Australian or international Bachelor degree in a cognate field, or have at least two years of recent, relevant professional experience evidenced by an employer reference.
- Applicants from non-cognate backgrounds must submit a personal statement demonstrating sufficient prior learning and may be required to sit an assessment or interview. Introductory units may be assigned.
- Credit is available in line with the Institute's Recognition of Prior Learning, Advanced Standing, and Credit Transfer procedures.

International Students English Language Requirements

- IELTS Academic: 6.5 with no band less than 6
- TOEFL (internet based): 79 with no band less than – Listening: 19 / Speaking: 19 / Reading: 18 / Writing: 23
- Cambridge Advanced (CAE): 176 with no band less than 169.

Career Pathways

Core Data Science & AI Roles

- These roles directly leverage your specialised training in data analytics, machine learning, and big data:
- Data Scientist (ANZSCO 224115): Applies analytical and statistical methods to extract insights and build AI/ML models.
- Data Analyst (ANZSCO 224114): Processes, interprets, and visualises data for informed decision-making.
- Machine Learning Engineer: Designs and maintains ML systems (often under Data Scientist 224115 or Software Engineer 261313).

Broader IT & Leadership Roles

- Your MITI specialisation also prepares you for roles at the intersection of data, cybersecurity, and strategic leadership:
- Cyber Security Analyst (ANZSCO 262116): Uses data for threat detection and security risk assessment.
- ICT Business Analyst (ANZSCO 261111): Recommends data-driven solutions to improve business efficiency.
- Chief Data Officer (CDO) (often under Chief Information Officer 135111): Leads an organisation's data strategy and governance.

Course Learning Outcomes

The Course Learning Outcomes (CLOs) describe the knowledge, skills, and abilities that you will develop during your studies. They reflect the graduate attributes (GAs) and meet the standards of an AQF Level 9 qualification, ensuring you can apply your learning in real-world contexts. The CLOs are informed by national and international comparator Master courses, ensuring that your learning is aligned with industry expectations and global standards. By the end of the program, you will have developed the skills, knowledge, and competencies necessary to succeed as an innovative and capable IT professional.

CLO1. Advanced IT Knowledge and Skills:
Demonstrate advanced and integrated knowledge and skills in core aspects of Information Technology and in one or more areas of Information Technology Specialisation.

CLO2. Social and Ethical Competencies:
Demonstrate commitment to responsible global social and business approaches, which are underpinned by ethical professional practice and sustainability considerations.

CLO3. Research and Innovative and Creative Problem Solving.
Formulate, research, implement, and refine innovative, creative, and evidence-based solutions under the context of social and economic constraints, legal and ethical issues, technology availability, stakeholder acceptance, and the professional standards of the Information Technology industry.

CLO4. Communication skills:
Communicate findings and recommendations effectively to specialist and non-specialist audiences, showcasing advanced oral and written communication skills.

CLO5. Professionalism and leadership:
Utilise advanced decision-making and leadership methodologies to navigate multifaceted challenges and steer IT projects towards successful outcomes.

CLO.6 Resilience and Self-awareness.
Demonstrate high levels of self-awareness, self-regulation, reflexivity, and resilience when working in complex and diverse environments.