

# Master of Information Technology (Cyber Security)

Postgraduate | CRICOS Code 117597E | AQF Level 9

## Course Details

The Master of Information Technology (Cyber Security) delivered by ASA Institute of Higher Education prepares graduates to meet soaring global demand for skilled security professionals. Gain advanced technical expertise, strengthen cyber resilience, and learn to solve complex threats using cutting-edge tools and practices. With strong industry relevance, this program equips graduates for roles across rapidly growing fields.

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

## Career Outcomes

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

- Cyber Security Analyst
- Cyber Security Engineer
- Cyber Security Architect
- Information Security Analyst
- Incident Response Analyst

## Entry Requirements

For admission into the Master of Information Technology (Cyber Security) 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

[asahe.edu.au](http://asahe.edu.au)

[info@asahe.edu.au](mailto:info@asahe.edu.au)

1300 672 076



Connect  
with us



## Course Structure

The Master of Information Technology (Cyber Security) 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

Artificial Intelligence Fundamentals

### Level 500

#### Core Units

Language Bots

Big Data & Cloud Computing Fundamentals

Emerging Topics in Artificial Intelligence

**Electives\***

Network Infrastructure

Problem Solving in the Digital Age

Human Factors and Cyber Criminal Behaviour

Digital Transformation Strategies

**\*Choose one**

### Level 600

#### Core Units

Management Information and Enterprise Systems

Advanced Machine and Deep Learning

Digital Data Governance

Rights, Responsibilities and Artificial Intelligence

Advanced Topics in Artificial Intelligence

MIT Capstone OR MIT Work Integrated Learning

#### Electives\*

Australian Cyber Law and Digital Evidence

Information Security

Business Practice for IT Professionals

Critical Infrastructure and Control System Security

Consultancy and Engaging with Stakeholders

Enterprise Security

**\*Choose one**