



AUSTRALIAN INSTITUTE
OF HIGHER EDUCATION

MASTER OF BUSINESS INFORMATION SYSTEMS

(Cyber Security)



CRICOS COURSE CODE
111497B



LOCATIONS
Melbourne | Sydney



DELIVERY MODE
Face-to-Face, Online, Blended



DURATION
2 years (104 weeks)



START DATES
27 Feb, 27 Mar, 8 May, 5 June,
10 Jul, 14 Aug, 11 Sep, 16 Oct, 13 Nov

CORE STRUCTURE

| CORE UNITS | SPECIALIZATION UNITS | CAPSTONE PROJECT UNITS | ELECTIVE UNITS |
|------------|----------------------|------------------------|----------------|
| 6 | 6 | 1 | 2 |

OVERVIEW

The AIH Master of Business Information Systems (Cyber Security) is designed for professionals who wish to gain advanced technical skills and expertise in areas of cyber security. All organizations, regardless of size, increasingly use cyberspace to communicate with the world. Having a reliable and secure systems and networks are a vital responsibility for every organisation. By incorporating the principles and knowledge of business information systems, the course provides students with the tools and techniques required to analyse, detect and securely confront challenges in the ever-evolving cyberspace. The course has been aligned to the comprehensive body of knowledge of Cyber Security (CYBOK) involving its eight areas concerning aspects of the human, organisational and regulatory aspects as well as the attack and defence technology aspects.

| UNITS | UNIT TYPE | CREDIT POINTS |
|--------------------------------------------------------------------------|------------------|--------------------------------|
| MBIS4001 Information Systems Applications in Business | Core | 10 |
| MBIS4002 Database Management System | Core | 10 |
| MBIS4003 Software Development | Core | 10 |
| MBIS4004 Systems Analysis Design | Core | 10 |
| EXIT WITH GRADUATE CERTIFICATE OF BUSINESS INFORMATION SYSTEMS | | |
| MBIS4006 Information Systems Security | Specialisation | 10 |
| MBIS4008 Business Process Modelling | Core | 10 |
| MBIS4009 Professional Practice in Information Systems | Core | 10 |
| MBIS4017 Cybersecurity Risk Management and Strategies | Specialisation | 10 |
| GRADUATE DIPLOMA OF BUSINESS INFORMATION SYSTEMS (CYBER SECURITY) | | |
| MBIS5004 Secure Programming and Hacking Counter measures | Specialisation | 10 |
| MBIS5005 Digital Forensics | Specialisation | 10 |
| MBIS5006 Organizational Cyber security | Specialisation | 10 |
| MBA5004 Enterprise Risk Management | Specialisation | 10 |
| MBIS5019 Blockchain and Cryptocurrency | Elective | 10 |
| MBIS5021 Systems Security Professional | Elective | 10 |
| MBIS5022 Computer Networks and Security | Elective | 10 |
| MBIS5016 Knowledge Management for IS | Elective | 10 |
| MBIS5015 Capstone Project | Capstone Project | 20 |
| MASTER OF BUSINESS INFORMATION SYSTEMS (CYBER SECURITY) | | TOTAL 160 CREDIT POINTS |

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TEQSA Provider ID: PRV12013 | Provider category : Institute of Higher Education | CRICOS Provider Code: 03147A

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Australian Institute of Higher Education

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MASTER OF BUSINESS INFORMATION SYSTEMS (Cyber Security)



NESTED EXIT QUALIFICATIONS

- Graduate Certificate of Business Information Systems
- Graduate Diploma of Business Information Systems (Cyber Security)



CAREER OUTCOMES

The Master of Business Information Systems (Cyber Security) provides students with transferable skills and in-depth knowledge of cyber security, positioning them for potential careers such as the following:

- Information Security Analyst
- Cyber Security Analyst
- Security System Developer
- Security System Manager
- Computer Forensics Specialist
- Cyber Intelligence Expert
- Secure Programming Expert



TUITION FEE

Please visit our website www.aih.nsw.edu.au for updated course fee information.



HOW TO APPLY?

- Select course
- check entry requirements
- apply online or via an authorised education agent



ENGLISH REQUIREMENTS

IELTS (Academic): 6.5 overall with no band less than 6.0 TOEFL: 85 (with min 20 in each skill)
Pearson: 58 (with min 60 in reading, writing & communication)



ACADEMIC ENTRY REQUIREMENTS

→ Applicants must have completed an undergraduate bachelor degree (AQF Level 7) or equivalent in the relevant ICT field of education; OR

→ Applicants must have completed an undergraduate bachelor degree (AQF Level 7) or equivalent and undertake additional ICT pre-entry units as determine by AIH. Applicants with no previous programming studies will be required to complete MBIS4000 Fundamentals of Programming (at their own cost) in the first trimester of the course.



SCHOLARSHIPS

AIH offers scholarships for meritorious students as well as other generous scholarships, like "Women in STEM" which provides a 25% reduction on course fees. All students are automatically considered for scholarship upon meeting conditions. Please refer to the scholarship conditions on your offer letter.

For more course information, please call us on +61 (02) 9020 8050 or email marketing@aih.nsw.edu.au and our team will respond to your request