ZENITH INNOVATION INSTITUTE
UNPARALLELED EXCELLENCE

Bachelor of Information Technology (Cybersecurity)

Course Rationale

The **Bachelor of Information Technology (Cybersecurity)** (AQF Level 7) prepares students to be frontline defenders in the digital age. It provides a strong foundation in cybersecurity and IT principles, combining ethical, technical, and strategic competencies. Graduates will possess the expertise to design, implement, and manage secure IT systems, addressing evolving cyber threats with a holistic and hands-on approach.

Career Pathways

Graduates are equipped for roles such as:

- Cybersecurity Analyst
- Network and Systems Administrator
- Security Operations Centre (SOC) Analyst
- Penetration Tester
- Cloud Security Specialist
- Digital Forensics Analyst
- IT Risk & Compliance Officer
- Cybersecurity Consultant

International Student Fee

- **International Students: $60,000 (Total) + $500 enrolment fee (non-refundable)**

International students must also satisfy the Genuine Student requirement as per Australian Government regulations.

Learning Time Period and Fee

Duration: 3 years full-time (6 semesters)
Total Workload: 3,864 hours

- **Timetabled contact:** 1,248 hours
- **Private study:** 2,496 hours
- **Work placement:** 120 hours

Domestic Students: $48,000 (Total) + $500 enrolment fee (non-refundable)

English Proficiency

International students must meet one of the following:

- **IELTS:** 6.0 overall (no band < 5.5)
- **TOEFL iBT:** Overall 60 (W:18, S:16, R:8, L:7)
- **PTE Academic:** Overall 46 (no score < 36)

Alternative evidence may include:

- Completion of secondary/tertiary education in English
- English for Academic Purposes programs

Admission Requirements

Domestic Applicants:

- Year 12 with ATAR 60+
- Foundation or pathway programs
- Mature-age entry based on STAT, portfolio, or experience
- Educational disadvantage entry pathway available

International Applicants:

- Must meet academic and English proficiency requirements
- Must satisfy **Genuine Student (GS)** visa criteria

Entry and Exit Options

Entry:

- Year 12 with ATAR ≥ 60
- Equivalent secondary qualification
- Tertiary Preparation/Foundation program
- Special or mature-age entry pathways

Exit:

- Early exit with Diploma or Associate Degree (if approved by the institute and regulatory bodies)

Credit and Recognition of Prior Learning (RPL)

- Credit is available for prior studies in relevant fields
- RPL available for work experience with supporting documentation
- All credit/RPL requests assessed by the Academic Dean under TEQSA guidelines

For further information or enrolment, please contact

Website - TBA
TEQSA Provider ID - TBA
CRICOS ID - TBA
admin@zenithedu.com.au

Level 7, 451 Pitt Street,
Sydney, NSW 2000,
Australia

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Title of the course of study	Bachelor of Information Technology (Cybersecurity)
Structure of the course of study	The Bachelor of Information Technology (Cybersecurity) course structure comprises 24 units of study (240 credit points). The course of study is made up of: · Core subjects: There are 22 core subjects (220 credit points) found within the Bachelor award. · Elective subjects: There are 2 electives (20 credit points)

	Year & Semester	Unite Code	Unit Title	Core or elective (in this course)	Pre-requisite	Delivery mode	Credit Points
01	Year 1, Semester 1	IT100	Fundamentals of Information Technology	Core		F2F & Mixed	10
02		IT102	Introduction to Cybersecurity	Core		F2F & Mixed	10
03		IT104	Network and Systems Administration	Core		F2F & Mixed	10
04		IT105	Ethics in IT and Cybersecurity	Core		F2F & Mixed	10
05	Year 1, Semester 2	MT101	Mathematics for IT Professionals	Core		F2F & Mixed	10
06		IT103	Data Science and Data Security	Core		F2F & Mixed	10
07		MG100	Digital Communication Skills	Core		F2F & Mixed	10
08		IT101	Programming Fundamentals	Core		F2F & Mixed	10
09	Year 2, Semester 1	IT200	Data Analytics in Cybersecurity	Core	IT103	F2F & Mixed	10
10		IT201	Network Security and Applications	Core		F2F & Mixed	10
11		IT300	Database Management	Core	IT101	F2F & Mixed	10
12		MG200	Community Engagement: Building Strengths and Capabilities	Core		F2F & Mixed	10
13	Year 2, Semester 2	IT203	Penetration Testing and Vulnerability Assessment	Core	IT100; IT202	F2F & Mixed	10
14		IT204	Web Development and Security	Core		F2F & Mixed	10
15		IT202	Cybersecurity Threats and Countermeasures	Core	IT102	F2F & Mixed	10
16		IT205	Applied Cryptography	Core	IT102	F2F & Mixed	10
17	Year 3, Semester 1	IT206	Cloud Computing and Security	Core	IT104	F2F & Mixed	10
18		IT301	Forensics and Incident Response	Core		F2F & Mixed	10
19		IT302	IT Project Management	Core		F2F & Mixed	10
20			Elective	Elective		F2F & Mixed	10
21	Year 3, Semester 2	IT303	Capstone Project in Cybersecurity (WIL)	Core	IT302, 8 units from Year 1 and 8 units from Year 2 units.	F2F & Mixed	10
22		IT304	Cyber Risk Management	Core		F2F & Mixed	10
23		IT305	Navigating the Digital Frontier: Cyber Policy, Governance and Law	Core	IT105	F2F & Mixed	10
24			Elective	Elective		F2F & Mixed	10
			Elective Unit List				10
01		IT310	Big Data Analytics	Elective	IT101, MT101		
02		IT311	Internet of Things (IoT) Security	Elective		F2F & Mixed	
03		IT312	Advanced Topics in Cybersecurity	Elective		F2F & Mixed	
04		IT313	Advanced Programming Concepts	Elective		F2F & Mixed	
05		IT314	Secure Software Development	Elective		F2F & Mixed	
06		IT315	Artificial Intelligence in Cybersecurity	Elective		F2F & Mixed	
07		IT316	Blockchain and Security	Elective		F2F & Mixed	
Total Credit Points							240
Course Rules			To qualify for the award of Bachelor of Information Technology (Cybersecurity), the candidate must satisfactorily complete a course of study comprising 22 core subjects (220 credit points) and 2 elective subjects (20 credit points). A combined total of 240 credit points is required.				

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