

# Bachelor of Information Technology

## Contents

Artificial Intelligence Major .....	2
Cybersecurity Major .....	3

# Bachelor of Information Technology

## Artificial Intelligence Major

Year	Course	Units	Status
<b>Year 1</b>			
S1	COMP SCI 1015 Introduction to Applied Programming	3	
S1	ENTREP 1020 Design Thinking: Problems to Practice	3	
S1	PROJMGNT 1001 Foundations of Project Management	3	
S1	General Level I Elective	3	
S2	COMP SCI 1013 Introduction to Computer Systems, Networks and Security	3	
S2	COMP SCI 1014 Information Technology Project	3	
S2	TECH 1004 Artificial Intelligence Technologies	3	
S2	General Level I Elective	3	
<b>Year 2</b>			
S1	COMP SCI 2009 Programming for IT Specialists	3	
S1	COMP SCI 2207 Web & Database Computing	3	
S1	General Level I/II/III Elective	3	
S1	General Level I/II/III Elective	3	
S2	COMP SCI 2000 Computer Systems	3	
S2	COMP SCI 2208 Databases and Ethical Data	3	
S2	ENTREP 2003 Driving Decisions: Accounting and Finance	3	
S2	General Level II Elective	3	
<b>Year 3</b>			
S1	Artificial Intelligence Elective	3	
S1	Professional Elective	3	
S1	COMP SCI 3007 Artificial Intelligence UG	3	
S1	COMP SCI 3317 Using Machine Learning Tools	3	
S2	General Level III Elective	3	
S2	Artificial Intelligence Elective	3	
S2	COMP SCI 3021 Industry Project in Information Technology	6	

Core Course	Elective Course (see elective tables)	Major Course / Major Elective (see table)
CM = Completed	CR = Credit Awarded	EN = Currently Enrolled
		ENROL = Add to Enrolments

Artificial Intelligence Elective Table			
S1	COMP SCI 3315 Computer Vision	3	
S2	COMP SCI 3314 Introduction to Statistical Machine Learning	3	
S2	COMP SCI 3316 Evolutionary Computation	3	
Professional Elective Table			
S1	ENTREP 3901 Tech eChallenge	3	
S1	MATHS 3025 Professional Practice III	3	
S1 S2	ENG 3004 Systems Engineering and Industry Practice	3	

### Degree Notes

- **General Electives** can be any undergraduate courses offered by the University that are available to the student. Please refer to the steps via the link: <https://ecms.adelaide.edu.au/study-with-us/student-support/enrolment>

### Links and Further Information

- **Course Planner** Information about University courses, including availability, class times, restrictions and prerequisites.
- **University Calendar** All academic program rules.
- **Contact Ask ECMS:** [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au) • +61 8 8313 4148 • [www.ecms.adelaide.edu.au](http://www.ecms.adelaide.edu.au)

# Bachelor of Information Technology

## Cybersecurity Major

Course		Units	Status
<b>Year 1</b>			
S1	COMP SCI 1015 Introduction to Applied Programming	3	
S1	ENTREP 1020 Design Thinking: Problems to Practice	3	
S1	PROJMGNT 1001 Foundations of Project Management	3	
S1	General Level I Elective	3	
S2	COMP SCI 1013 Introduction to Computer Systems, Networks and Security	3	
S2	COMP SCI 1014 Information Technology Project	3	
S2	TECH 1005 Cyber Security	3	
S2	General Level I Elective	3	
<b>Year 2</b>			
S1	COMP SCI 2009 Programming for IT Specialists	3	
S1	COMP SCI 2207 Web & Database Computing	3	
S1	General Level I/II/III Elective	3	
S1	General Level I/II/III Elective	3	
S2	COMP SCI 2000 Computer Systems	3	
S2	COMP SCI 2208 Databases and Ethical Data	3	
S2	ENTREP 2003 Driving Decisions: Accounting and Finance	3	
S2	General Level II Elective	3	
<b>Year 3</b>			
S1	General Level III Elective	3	
S1	Professional Elective	3	
S1	COMP SCI 3001 Computer Networks & Applications	3	
S1	COMP SCI 3308 Cybersecurity Fundamentals	3	
S2	COMP SCI 3004 Operating Systems	3	
S2	COMP SCI 3021 Industry Project in Information Technology	6	
S2	COMP SCI 3307 Secure Programming	3	

Core Course	Elective Course (see elective tables)	Major Course
CM = Completed	CR = Credit Awarded	EN = Currently Enrolled
		ENROL = Add to Enrolments

Professional Elective Table		
S1	ENTREP 3901 Tech eChallenge	3
S1	MATHS 3025 Professional Practice III	3
S1 S2	ENG 3004 Systems Engineering and Industry Practice	3

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