

Bachelor of Information Technology

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Bachelor of Information Technology

Program Notes

General Electives

- General electives may be any University of Adelaide Undergraduate course for which the student meets the pre-requisites. Please check the availability, restriction and incompatible section on the course planner for elective choices.
- How to choose an elective course in your area of interest? Please refer to the steps via the link: <https://ecms.adelaide.edu.au/study-with-us/student-support/enrolment>

Computer Science Internships

- Internships are available to students and allow students to build and apply skills to a relevant workplace setting.
- Students will need to apply for approved internships on [CareerHub](#), and if successful in gaining an internship will be enrolled by the faculty in *COMP SCI 3710 ECMS Internship* (6 units).
- For more information see: <https://ecms.adelaide.edu.au/study-with-us/student-support/internships/computer-mathematical-sciences>

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Artificial Intelligence Major

Course	Units	Status
Year 1		
S2	COMP SCI 1013 Introduction to Computer Systems, Networks and Security	3
S2	COMP SCI 1014 Information Technology Project	3
S2	COMP SCI 1015 Introduction to Applied Programming	3
S2	TECH 1004 Artificial Intelligence Technologies	3
S1	PROJMGNT 1001 Foundations of Project Management	3
S1	General Level I/II/III Elective	3
S1	General Level I Elective	3
S1	General Level I Elective	3
Year 2		
S2	COMP SCI 2009 Programming for IT Specialists	3
S2	COMP SCI 2208 Databases and Ethical Data	3
S2	ENTREP 2003 Driving Decisions: Accounting and Finance	3
S2	General Level I/II/III Elective	3
S1	COMP SCI 2000 Computer Systems	3
S1	COMP SCI 2207 Web & Database Computing	3
S1	Professional Elective	3
S1	General Level II Elective	3
Year 3		
S2	General Level III Elective	3
S2	Artificial Intelligence Elective	3
S2	Capstone Elective	6
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

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 1020 Design Thinking: Problems to Practice	3
S1	ENTREP 3901 Tech eChallenge	3
S1	MATHS 3025 Professional Practice III	3
S1 S2	ENG 3004 Systems Engineering and Industry Practice	3
Capstone Elective Table		
S1	COMP SCI 3021 Industry Project in Information Technology	6
S1	COMP SCI 3710 ECMS Internship (see Program Notes)	6

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 • +61 8 8313 4148 • www.ecms.adelaide.edu.au

Bachelor of Information Technology

Cybersecurity Major

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

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

Professional Elective Table		
S1	ENTREP 1020 Design Thinking: Problems to Practice	3
S1	ENTREP 3901 Tech eChallenge	3
S1	MATHS 3025 Professional Practice III	3
S1 S2	ENG 3004 Systems Engineering and Industry Practice	3
Capstone Elective Table		
S1	COMP SCI 3021 Industry Project in Information Technology	6
S1	COMP SCI 3710 ECMS Internship (see Program Notes)	6

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