

Graduate Diploma of Cyber Security

Trimester 1 Start

	Course	Units	Status
Year 1			
Tri 1	COMP SCI 7210 Foundations of Computer Science A	3	
Tri 1	COMP SCI 7211 Foundations of Computer Science B	3	
Tri 1	*ENG 7057 Communication and Critical Thinking	3	
Tri 2	MATHS 7027 Mathematical Foundations of Data Science	3	
Tri 2	COMP SCI 7328 Concepts in Cyber Security	3	
Tri 2	Elective – Set 1	3	
Tri 3	Elective – Set 1	3	
Tri 3	Elective – Set 1 or Set 2	3	

CM = Completed	CR = Credit Awarded	EN = Currently Enrolled	ENROL = Add to Enrolments
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* *ENG 7057 Communication & Critical Thinking* is a required course for all international students, unless exempted by the Faculty. Domestic students may present any elective listed in the Elective – Set 1 Table in lieu of this course.

Electives found on [Elective Tables](#) page

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

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Elective Tables

Course	Units	Status
Elective - Set 1		
Tri 1/2/3	ENG 7111 Internship	6
Tri 1	COMP SCI 7212 Human and Ethical Factors in Computer Science	3
Tri 1	COMP SCI 7308 Cyber Security Fundamentals	3
Tri 2	COMP SCI 7307 Secure Programming	3
Tri 3	COMP SCI 7106 Hot Topics in IoT Security	3
Tri 3	COMP SCI 7412 Secure Software Engineering	3
*Sem 1/2	COMP SCI 7081 Computer Systems	3
*Sem 2	MATHS 7026 Cryptography PG	3
*Sem 2	COMMGMT 7025 Information Risks, Threats and Controls (M)	3
Not Available	COMMGMT 7023 Business Data & Cyber Security (M)	3
Not Available	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security (M)	3
Elective - Set 2		
Tri 1	COMP SCI 7306 Mining Big Data	3
Tri 1	COMP SCI 7417 Applied Natural Language Processing	3
Tri 2	COMP SCI 7209 Big Data Analysis and Project	3
Tri 2	COMP SCI 7314 Introduction to Statistical Machine Learning	3
Tri 2	STATS 7107 Statistical Modelling and Inference	3
Tri 2	COMP SCI 7317 Using Machine Learning Tools PG	3
Tri 3	MATHS 7103 Probability and Statistics	3
Tri 3	COMP SCI 7318 Deep Learning Fundamentals	3
Tri 3	PHIL 7005 Machine Learning and Artificial Intelligence	3
*Sem 1	COMP SCI 7039 Computer Networks and Applications	3
*Sem 1	COMP SCI 7413 Introduction to Quantum Computing	3
*Sem 1	ELEC ENG 7080 Principles of Communication Systems	3
*Sem 1	ELEC ENG 7051 Microelectronic Systems	3
*Sem 2	COMMGMT 7024 Business Information Systems & Management (M)	3
*Sem 2	COMP SCI 7064 Operating Systems	3
*Sem 2	COMP SCI 7092 Mobile and Wireless Systems	3
*Sem 2	COMP SCI 7094 Distributed Databases and Data Mining	3
*Sem 2	COMP SCI 7416 Applied Machine Learning	3
*Sem 2	ELEC ENG 7081 Telecommunications Systems	3
Not Available	POLIS 7024 Political Institutions and Policy-Making	3

*Please note that while your program is based around trimesters there are some semester based electives available as part of your program. Please contact askecms@adelaide.edu.au for further information on managing a trimester/semester hybrid enrolment.