

Master of Cyber Security

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Master of Cyber Security Management Specialisation – Conversion Program

Course	Units	Status
Year 1		
S1	COMP SCI 7202 Foundations of Computer Science	6
S1	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security (M)	3
S1	* ELEC ENG 7057 Engineering Communication & Critical Thinking	3
S2	COMMGMT 7023 Business Data & Cyber Security (M)	3
S2	COMMGMT 7025 Information Risks, Threats & Controls (M)	3
S2	COMP SCI 7081 Computer Systems	3
S2	Conversion Elective	3
Year 2		
S1	COMP SCI 7308 Cybersecurity Fundamentals	3
S1	^ Cyber Security Elective	3
S1	^ Project Course A	6
S2	POLIS 7024 Political Institutions and Policy-Making	3
S2	COMMGMT 7024 Business Information Systems & Management (M)	3
S2	Project Course B	6

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

^ **Research Project:** Students much take *COMMERCE 7039 Business Research Methods* in lieu of the Cyber Security Elective if intending to take *COMMGMT 7029A/B Cyber Security Research Project (Management) Part A/B*.

^ **Project Course A:** Students must have completed the core course *COMMGMT 7023 Business Data & Cyber Security* and one of the specialisation courses, either *COMMGMT 7024 Business Information Systems & Management* or *COMMGMT 7026 Policies & Procedures in Organisational Cyber Security*, prior to commencing a project.

* *ELEC ENG 7057 Engineering 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 Cyber Security Elective Table in lieu of this course.

Conversion Elective Table			
S1	COMP SCI 7039 Computer Networks & Applications	3	
S2	COMP SCI 7064 Operating Systems	3	

Remaining elective tables found on [Management Specialisation 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

Master of Cyber Security Management Specialisation – Extension Program

Course	Units	Status
Year 1		
S1	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security (M)	3
S1	COMMGMT 7023 Business Data & Cyber Security (M)	3
S1	* ELEC ENG 7057 Engineering Communication & Critical Thinking	3
S1	^ Cyber Security Elective	3
S2	COMMGMT 7024 Business Information Systems & Management (M)	3
S2	POLIS 7024 Political Institutions and Policy-Making	3
S2	^ Project Course A	6
Year 2		
S1	COMMGMT 7025 Information Risks, Threats & Controls (M) (not offered in S1, 2021)	3
S1	COMP SCI 7308 Cybersecurity Fundamentals	3
S1	Project Course B	6

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

^ **Research Project:** Students must take *COMMERCE 7039 Business Research Methods* in lieu of the Cyber Security Elective if intending to take *COMMGMT 7029A/B Cyber Security Research Project (Management) Part A/B*.

^ **Project Course A:** Students must have completed the core course *COMMGMT 7023 Business Data & Cyber Security* and one of the specialisation courses, either *COMMGMT 7024 Business Information Systems & Management* or *COMMGMT 7026 Policies & Procedures in Organisational Cyber Security*, prior to commencing a project.

* *ELEC ENG 7057 Engineering 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 Cyber Security Elective Table in lieu of this course.

Electives are found on [Management Specialisation Elective Tables](#) page.

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Management Specialisation – Elective Tables

Course		Units	Status
Project Course Table			
S1 S2	COMMGMT 7029A Cyber Security Research Project (Management) Part A	6	
S1 S2	COMMGMT 7029B Cyber Security Research Project (Management) Part B	6	
S1 S2	COMMGMT 7030A Cyber Security Industry Project (Management) Part A	6	
S1 S2	COMMGMT 7030B Cyber Security Industry Project (Management) Part B	6	
Cyber Security Elective Table			
S1	COMP SCI 7039 Computer Networks & Applications	3	
S1	COMP SCI 7413 Introduction to Quantum Computing	3	
S1	ELEC ENG 7051 Microelectronic Systems	3	
S1	MATHS 7103 Probability & Statistics	3	
S2	* COMP SCI 7064 Operating Systems	3	
S2	COMP SCI 7076 Distributed Systems	3	
S2	COMP SCI 7092 Mobile and Wireless Systems	3	
S2	COMP SCI 7094 Distributed Databases & Data Mining	3	
S2	COMP SCI 7307 Secure Programming	3	
S2	COMP SCI 7412 Secure Software Engineering	3	
S2	ELEC ENG 7081 Telecommunications Systems	3	
S2	MATHS 7026 Cryptography PG	3	
Various	Any Postgraduate course from the University of Adelaide	3	

* *COMP SCI 7064 Operating Systems* is not compatible for the extension plan.

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Secure Software Development Specialisation – Conversion Program

Course	Units	Status
Year 1		
S1	COMP SCI 7202 Foundations of Computer Science	6
S1	COMMGMT 7023 Business Data & Cyber Security (M)	3
S1	* ELEC ENG 7057 Engineering Communication & Critical Thinking	3
S2	COMP SCI 7307 Secure Programming	3
S2	COMMGMT 7025 Information Risks, Threats & Controls (M)	3
S2	COMP SCI 7081 Computer Systems	3
S2	Conversion Elective	3
Year 2		
S1	COMP SCI 7308 Cybersecurity Fundamentals	3
S1	^ Cyber Security Elective	3
S1	^ Project Course A	0
S2	POLIS 7024 Political Institutions and Policy-Making	3
S2	Secure Software Elective	3
S2	Project Course B	12

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

^ **Research Project:** Students much take *COMP SCI 7405 Research Methods in Software Engineering and Computer Science* in lieu of the Cyber Security Elective if intending to take *CYBER 7101A/B Master of Cyber Security Research Project*.

^ **Industry Project:** It is expected that students identify industry partners for industry-based projects. Otherwise, it is recommendable to consider doing research projects.

^ **Project Course A:** Students must have completed the core course *COMMGMT 7023 Business Data & Cyber Security* and one of the specialisation courses, either *COMP SCI 7308 Cybersecurity Fundamentals* or *COMP SCI 7307 Secure Programming*, prior to commencing a project.

* *ELEC ENG 7057 Engineering 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 Cyber Security Elective Table in lieu of this course.

Conversion Elective Table			
S1	COMP SCI 7039 Computer Networks & Applications	3	
S2	COMP SCI 7064 Operating Systems	3	

Remaining elective tables found on [Secure Software Development Specialisation Elective Tables](#) page.

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Secure Software Development Specialisation – Extension Program

Course	Units	Status
Year 1		
S1 COMP SCI 7308 Cybersecurity Fundamentals	3	
S1 COMMGMT 7023 Business Data & Cyber Security (M)	3	
S1 * ELEC ENG 7057 Engineering Communication & Critical Thinking	3	
S1 ^ Cyber Security Elective	3	
S2 COMP SCI 7307 Secure Programming	3	
S2 POLIS 7024 Political Institutions and Policy-Making	3	
S2 ^ Project Course A	0	
Year 2		
S1 COMMGMT 7025 Information Risks, Threats & Controls (M) (not offered in S1, 2021)	3	
S1 Secure Software Elective	3	
S1 Project Course B	12	

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

^ **Research Project:** Students must take *COMP SCI 7405 Research Methods in Software Engineering and Computer Science* in lieu of the Cyber Security Elective if intending to take *CYBER 7101A/B Master of Cyber Security Research Project*.

^ **Industry Project:** It is expected that students identify industry partners for industry-based projects. Otherwise, it is recommendable to consider doing research projects.

^ **Project Course A:** Students must have completed the core course *COMMGMT 7023 Business Data & Cyber Security* and one of the specialisation courses, either *COMP SCI 7308 Cybersecurity Fundamentals* or *COMP SCI 7307 Secure Programming*, prior to commencing a project.

* *ELEC ENG 7057 Engineering 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 Cyber Security Elective Table in lieu of this course.

Electives are found on [Secure Software Development Specialisation Elective Tables](#) page

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Secure Software Development Specialisation – Elective Tables

Course		Units	Status
Project Course Table			
S1 S2	CYBER 7101A Cyber Security Research Project Part A	0	
S1 S2	CYBER 7101B Cyber Security Research Project Part B	12	
S1 S2	CYBER 7102A Cyber Security Industry Project Part A	0	
S1 S2	CYBER 7102B Cyber Security Industry Project Part B	12	
Cyber Security Elective Table			
N/A	CYBER 7000 Cyber Security Special Studies	3	
N/A	ELEC ENG 7083 Telecommunications Principles & Systems	6	
S1	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security (M)	3	
S1	COMP SCI 7039 Computer Networks & Applications	3	
S1	COMP SCI 7413 Introduction to Quantum Computing	3	
S1	ELEC ENG 7051 Microelectronic Systems	3	
S1	ELEC ENG 7080 Principles of Communication Systems	3	
S1	MATHS 7103 Probability & Statistics	3	
S2	COMMGMT 7024 Business Information Systems & Management (M)	3	
S2	COMP SCI 7076 Distributed Systems	3	
S2	COMP SCI 7092 Mobile and Wireless Systems	3	
S2	COMP SCI 7094 Distributed Databases & Data Mining	3	
S2	COMP SCI 7412 Secure Software Engineering	3	
S2	ELEC ENG 7081 Telecommunications Systems	3	
S2	MATHS 7026 Cryptography PG	3	
Various	Any Postgraduate course from the University of Adelaide if approved by Course Advisor	3	
Secure Software Development Elective			
S1	COMP SCI 7413 Introduction to Quantum Computing	3	
S2	COMP SCI 7092 Mobile and Wireless Systems	3	
S2	COMP SCI 7412 Secure Software Engineering	3	