

Master of Cyber Security (Secure Software Development Specialisation)
- Semester 2 Start
Conversion Plan (2 years)

Year 1				
S2	COMP SCI 7202 Foundations of Computer Science (6 units) <input type="checkbox"/>		POLIS 7024 Political Institutions and Policy-Making <input type="checkbox"/>	COMMGMT 7025 Information Risks, Threats & Controls (M) * <input type="checkbox"/>
S1	COMMGMT 7023 Business Data & Cyber Security (M) <input type="checkbox"/>	COMP SCI 7081 Computer Systems <input type="checkbox"/>	COMP SCI 7405 Research Methods in Software Engineering and Computer Science % OR Elective * <input type="checkbox"/>	COMP SCI 7039 Computer Networks and Applications ^ OR Elective * <input type="checkbox"/>
Year 2				
S2	CYBER 7101A Master of Cyber Security Research Project Part A % OR CYBER 7102A Master of Cyber Security Industry Project Part A <input type="checkbox"/>		COMP SCI 7307 Secure Programming <input type="checkbox"/>	COMP SCI 7064 Operating Systems ^ OR Elective * <input type="checkbox"/>
S1	CYBER 7101B Master of Cyber Security Research Project Part B % OR CYBER 7102B Master of Cyber Security Industry Project Part B <input type="checkbox"/>		COMP SCI 7308 Cybersecurity Fundamentals <input type="checkbox"/>	Specialisation Elective \$ <input type="checkbox"/>

For a complete list of courses that constitute the program, including majors, please refer to the academic program rules website:

<https://calendar.adelaide.edu.au/faculty/ecms>

Further Information and Enrolment Advice

Faculty of Engineering, Computer and Mathematical Sciences

Email: askecms@adelaide.edu.au; www.ecms.adelaide.edu.au

* **International Students** - Unless exempted international students must take **ELEC ENG 7057** Engineering Communication and Critical Thinking in their first semester, and replace a later elective with **COMMGMT 7025**.

^ **Core course** – Students must select one of **COMP SCI 7039** or **COMP SCI 7064**.

% **Research Pathway** – Students must choose **COMP SCI 7405** if intending to take **CYBER 7101A/B** Master of Cyber Security Research Project.

\$ **Specialisation Elective** – Students must choose from the available Specialisation Courses in the table below.

Extension Plan (1.5 years)

Year 1				
S2	COMMGMT 7025 Information Risks, Threats & Controls (M) <input type="checkbox"/>	POLIS 7024 Political Institutions and Policy-Making <input type="checkbox"/>	COMP SCI 7307 Secure Programming <input type="checkbox"/>	Elective * <input type="checkbox"/>
S1	COMP SCI 7308 Cybersecurity Fundamentals <input type="checkbox"/>	COMP SCI 7405 Research Methods in Software Engineering and Computer Science % <input type="checkbox"/> OR Elective	CYBER 7101A Master of Cyber Security Research Project Part A % <input type="checkbox"/> OR CYBER 7102A Master of Cyber Security Industry Project Part A	
Year 2				
S2	COMMGMT 7023 Business Data & Cyber Security (M) <input type="checkbox"/>	Specialisation Elective \$ <input type="checkbox"/>	CYBER 7101B Master of Cyber Security Research Project Part B % <input type="checkbox"/> OR CYBER 7102B Master of Cyber Security Industry Project Part B	

For a complete list of courses that constitute the program, including majors, please refer to the academic program rules website:

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*** International Students** - Unless exempted international students must take **ELEC ENG 7057** Engineering Communication and Critical Thinking in their first semester.

% Research Pathway – Students must choose **COMP SCI 7405** if intending to take **CYBER 7101A/B** Master of Cyber Security Research Project.

\$ Specialisation Elective – Students must choose from the available Specialisation Courses in the table below.

Specialisation Electives Table

CHOOSE FROM THE FOLLOWING ELECTIVES

COMP SCI 7412 Secure Software Engineering <input type="checkbox"/>	COMP SCI 7413 Introduction to Quantum Computing <input type="checkbox"/>	COMP SCI 7092 Mobile & Wireless Systems <input type="checkbox"/>	
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Cyber Security Electives Table

CHOOSE FROM THE FOLLOWING ELECTIVES

COMMGMT 7024 Business Information Systems & Management (M) <input type="checkbox"/>	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security (M) <input type="checkbox"/>	COMP SCI 7039 Computer Networks and Applications <input type="checkbox"/>	COMP SCI 7064 Operating Systems <input type="checkbox"/>
COMP SCI 7092 Mobile & Wireless Systems <input type="checkbox"/>	COMP SCI 7094 Distributed Databases & Data Mining <input type="checkbox"/>	CYBER 7000 Cyber Security Special Studies <input type="checkbox"/>	ELEC ENG 7051 Microelectric Systems <input type="checkbox"/>
ELEC ENG 7080 Principles of Communication Systems <input type="checkbox"/>	ELEC ENG 7081 Telecommunication Systems <input type="checkbox"/>	ELEC ENG 7083 Telecommunications Principles & Systems <input type="checkbox"/>	MATHS 7026 Cryptography <input type="checkbox"/>
MATHS 7103 Probability & Statistics <input type="checkbox"/>	Any other postgraduate coursework offered by the University of Adelaide and available to the student <input type="checkbox"/>		