



THE UNIVERSITY
of ADELAIDE

Faculty of Engineering, Computer and Mathematical Sciences 2020 Study Plan

Master of Cyber Security – All Pathways

Semester 2 Start

Master of Cyber Security (Management Specialisation) – Conversion Plan

Master of Cyber Security (Management Specialisation) – Extension Plan

Master of Cyber Security (Secure Software Development Specialisation) – Conversion Plan

Master of Cyber Security (Secure Software Development Specialisation) – Extension Plan

Master of Cyber Security (Management Specialisation) – Conversion Plan
Semester 2 Start

Year 1			
S 2	COMP SCI 7202 Foundations of Computer Science (6 units) <input type="checkbox"/>	COMMGMT 7025 Information Risks, Threats & Controls <input type="checkbox"/>	COMMGMT 7024 Business Information Systems & Management <input type="checkbox"/>
Year 2			
S 1	COMP SCI 7081 Computer Systems <input type="checkbox"/>	*COMMGMT 7023 Business Data & Cyber Security <input type="checkbox"/>	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security <input type="checkbox"/>
S 2	COMP SCI 7064 Operating Systems or Cyber Security Elective (see elective table) <input type="checkbox"/>	POLIS 7024 Political Institutions and Policy-Making <input type="checkbox"/>	%COMMERCE 7039 Business Research Methods (Trimester Course) or ^COMP SCI 7039 Computer Networks & Applications or Cyber Security Elective (see elective table) <input type="checkbox"/>
S 1	*Cyber Security Elective (see elective table) <input type="checkbox"/>	COMP SCI 7308 Cybersecurity Fundamentals <input type="checkbox"/>	%CYBER 7101A Master of Cyber Security Research Project Part A OR CYBER 7102A Master of Cyber Security Industry Project Part A <input type="checkbox"/>
S 1			%CYBER 7101B Master of Cyber Security Research Project Part B OR CYBER 7102B Master of Cyber Security Industry Project Part B <input type="checkbox"/>

Electives Table

CHOOSE FROM THE FOLLOWING CYBER SECURITY ELECTIVES				
S1	COMP SCI 7039 Computer Networks & Applications <input type="checkbox"/>	COMP SCI 7413 Introduction to Quantum Computing <input type="checkbox"/>	ELEC ENG 7051 Microelectronic Systems <input type="checkbox"/>	MATHS 7103 Probability & Statistics <input type="checkbox"/>
S2	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"/>	COMP SCI 7307 Secure Programming <input type="checkbox"/>
	ELEC ENG 7081 Telecommunications Systems <input type="checkbox"/>	MATHS 7026 Cryptography <input type="checkbox"/>	COMP SCI 7076 Distributed Systems <input type="checkbox"/>	
	Any other postgraduate coursework offered by the University of Adelaide and available to the student			

NOTES

***International Students:** Unless exempted international students must take ELEC ENG Engineering Communication and Critical Thinking, and replace a later elective with COMMGMT 7023 Business Data & Cyber Security.

^Core course: Students must select one of COMP SCI 7064 Operating Systems or COMP SCI 7039 Computer Networks and Applications.

%Research Project: Students must choose COMMERCE 7039 Business Research Methods if intending to take CYBER 7101A/B Master of Cyber Security Research Project.

Program Rules: For academic program rules please refer to the following website: <https://calendar.adelaide.edu.au/faculty/ecms>

Information and Enrolment Advice:

Ask ECMS

Email: askecms@adelaide.edu.au

www.ecms.adelaide.edu.au

Master of Cyber Security (Management Specialisation) – Extension Plan Semester 2 Start

Year 1			
S 2	COMMGMT 7023 Business Data & Cyber Security <input type="checkbox"/>	% COMMERCE 7039 Business Research Methods (Trimester Course) <input type="checkbox"/> or Cyber Security Elective (see elective table)	COMMGMT 7025 Information Risks, Threats & Controls <input type="checkbox"/> *Cyber Security Elective (see elective table) <input type="checkbox"/>
Year 2			
S 1	COMP SCI 7308 Cybersecurity Fundamentals <input type="checkbox"/>	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security <input type="checkbox"/>	% CYBER 7101A Master of Cyber Security Research Project Part A OR CYBER 7102A Master of Cyber Security Industry Project Part A <input type="checkbox"/>
S 2	COMMGMT 7024 Business Information Systems & Management <input type="checkbox"/>	POLIS 7024 Political Institutions and Policy-Making <input type="checkbox"/>	% CYBER 7101B Master of Cyber Security Research Project Part B OR CYBER 7102B Master of Cyber Security Industry Project Part B <input type="checkbox"/>

Electives Table

CHOOSE FROM THE FOLLOWING CYBER SECURITY ELECTIVES				
S1	COMP SCI 7039 Computer Networks & Applications <input type="checkbox"/>	COMP SCI 7413 Introduction to Quantum Computing <input type="checkbox"/>	ELEC ENG 7051 Microelectronic Systems <input type="checkbox"/>	MATHS 7103 Probability & Statistics <input type="checkbox"/>
S2	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"/>	COMP SCI 7307 Secure Programming <input type="checkbox"/>
	ELEC ENG 7081 Telecommunications Systems <input type="checkbox"/>	MATHS 7026 Cryptography <input type="checkbox"/>	COMP SCI 7076 Distributed Systems <input type="checkbox"/>	
	Any other postgraduate coursework offered by the University of Adelaide and available to the student			

NOTES

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

%Research Project: Students must choose COMMERCE 7039 Business Research Methods if intending to take CYBER 7101A/B Master of Cyber Security Research Project.

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

Year 1			
S 2	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 <input type="checkbox"/>
Year 2			
S 1	COMP SCI 7308 Cybersecurity Fundamentals <input type="checkbox"/>	%COMP SCI 7405 Research Methods in Software Engineering and Computer Science or ^COMP SCI 7039 Computer Networks and Applications <input type="checkbox"/>	*COMMGMT 7023 Business Data & Cyber Security <input type="checkbox"/>
S 2	COMP SCI 7307 Secure Programming <input type="checkbox"/>	^COMP SCI 7064 Operating Systems or Cyber Security Elective (see elective table) <input type="checkbox"/>	%CYBER 7101A Master of Cyber Security Research Project Part A or CYBER 7102A Master of Cyber Security Industry Project Part A <input type="checkbox"/>
Year 3			
S 1	Specialisation Elective (see elective table) <input type="checkbox"/>	*Cyber Security Elective (see elective table) <input type="checkbox"/>	%CYBER 7101B Master of Cyber Security Research Project Part B or CYBER 7102B Master of Cyber Security Industry Project Part B <input type="checkbox"/>

Electives Table

CHOOSE FROM THE FOLLOWING CYBER SECURITY ELECTIVES				
S1	COMMGMT 7024 Business Information Systems & Management <input type="checkbox"/>	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security <input type="checkbox"/>	COMP SCI 7039 Computer Networks & Applications <input type="checkbox"/>	COMP SCI 7413 Introduction to Quantum Computing <input type="checkbox"/>
	CYBER 7000 Cyber Security Special Studies <input type="checkbox"/>	ELEC ENG 7051 Microelectronic Systems <input type="checkbox"/>	ELEC ENG 7080 Principles of Communication Systems <input type="checkbox"/>	MATHS 7103 Probability & Statistics <input type="checkbox"/>
S2	COMMGMT 7024 Business Information Systems & Management <input type="checkbox"/>	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security <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"/>	COMP SCI 7412 Secure Software Engineering <input type="checkbox"/>	CYBER 7000 Cyber Security Special Studies <input type="checkbox"/>	ELEC ENG 7081 Telecommunication Systems <input type="checkbox"/>
	ELEC ENG 7083 Telecommunication Principles & Systems <input type="checkbox"/>	MATHS 7026 Cryptography <input type="checkbox"/>	COMP SCI 7076 Distributed Systems <input type="checkbox"/>	
	Any other postgraduate coursework offered by the University of Adelaide and available to the student			
CHOOSE FROM THE FOLLOWING SPECIALISATION ELECTIVES				
S1	COMP SCI 7413 Introduction to Quantum Computing <input type="checkbox"/>			
S2	COMP SCI 7412 Secure Software Engineering <input type="checkbox"/>	COMP SCI 7092 Mobile and Wireless Systems <input type="checkbox"/>		

NOTES

***International Students:** Unless exempted international students must take ELEC ENG Engineering Communication and Critical Thinking, and replace a later elective with COMMGMT 7023 Business Data & Cyber Security.

^Core course: Students must select one of COMP SCI 7064 Operating Systems or COMP SCI 7039 Computer Networks and Applications.

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

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Master of Cyber Security (Secure Software Development Specialisation) – Extension Plan
Semester 2 Start

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

Electives Table

CHOOSE FROM THE FOLLOWING CYBER SECURITY ELECTIVES				
S1	COMMGMT 7024 Business Information Systems & Management <input type="checkbox"/>	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security <input type="checkbox"/>	COMP SCI 7039 Computer Networks & Applications <input type="checkbox"/>	COMP SCI 7413 Introduction to Quantum Computing <input type="checkbox"/>
	CYBER 7000 Cyber Security Special Studies <input type="checkbox"/>	ELEC ENG 7051 Microelectronic Systems <input type="checkbox"/>	ELEC ENG 7080 Principles of Communication Systems <input type="checkbox"/>	MATHS 7103 Probability & Statistics <input type="checkbox"/>
S2	COMMGMT 7024 Business Information Systems & Management <input type="checkbox"/>	COMMGMT 7026 Policies & Procedures in Organisational Cyber Security <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"/>	COMP SCI 7412 Secure Software Engineering <input type="checkbox"/>	CYBER 7000 Cyber Security Special Studies <input type="checkbox"/>	ELEC ENG 7081 Telecommunication Systems <input type="checkbox"/>
	ELEC ENG 7083 Telecommunication Principles & Systems <input type="checkbox"/>	MATHS 7026 Cryptography <input type="checkbox"/>	COMP SCI 7076 Distributed Systems <input type="checkbox"/>	
	Any other postgraduate coursework offered by the University of Adelaide and available to the student			
CHOOSE FROM THE FOLLOWING SPECIALISATION ELECTIVES				
S1	COMP SCI 7413 Introduction to Quantum Computing <input type="checkbox"/>			
S2	COMP SCI 7412 Secure Software Engineering <input type="checkbox"/>	COMP SCI 7092 Mobile and Wireless Systems <input type="checkbox"/>		

NOTES

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

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

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