

Master of Computing and Innovation

Year 1				
S1	COMP SCI 7202 Foundations of Computer Science (6 units) <input type="checkbox"/>	^General Elective <input type="checkbox"/>		One of: ENTREP 5036 Entrepreneurial Concepts and Mindset <input type="checkbox"/> ENTREP 5038 New Venture Creation <input type="checkbox"/> PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/> ENTREP 7022 Creativity & Innovation <input type="checkbox"/>
S2	COMP SCI 7081 Computer Systems <input type="checkbox"/>	COMP SCI 7201 Algorithm & Data Structure Analysis <input type="checkbox"/>	COMP SCI 7064 Operating Systems <input type="checkbox"/>	One of: ENTREP 5036 Entrepreneurial Concepts and Mindset <input type="checkbox"/> ENTREP 5038 New Venture Creation <input type="checkbox"/> PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/> ENTREP 7022 Creativity & Innovation <input type="checkbox"/>
Year 2				
S1	COMP SCI 7098 Master of Computing & Innovation Project (9 units) <input type="checkbox"/>			COMP SCI 7039 Computer Networks and Applications <input type="checkbox"/>
S2	COMP SCI 7015 Software Engineering & Project <input type="checkbox"/>	#General Elective <input type="checkbox"/>	#General Elective <u>or</u> *Advanced Elective <u>or</u> ECIC Elective <input type="checkbox"/>	#General Elective <input type="checkbox"/>
Core Courses				

Elective Table

CHOOSE FROM THE FOLLOWING COMPUTING AND INNOVATION ELECTIVES				
GENERAL ELECTIVES	COMP SCI 7026 Computer Architecture <input type="checkbox"/>	COMP SCI 7059 Artificial Intelligence <input type="checkbox"/>	COMP SCI 7076 Distributed Systems <input type="checkbox"/>	COMP SCI 7094 Distributed Databases & Data Mining # <input type="checkbox"/>
	COMP SCI 7305 Parallel and Distributed Computing <input type="checkbox"/>	COMP SCI 7306 Mining Big Data # <input type="checkbox"/>	COMP SCI 7307 Secure Programming <input type="checkbox"/>	COMP SCI 7308 Cybersecurity Fundamentals <input type="checkbox"/>
	COMP SCI 7314 Introduction to Statistical Machine Learning # <input type="checkbox"/>	COMP SCI 7315 Computer Vision <input type="checkbox"/>		
ADVANCED ELECTIVES	COMP SCI 7000 Software Architecture <input type="checkbox"/>	COMP SCI 7007 Specialised Programming <input type="checkbox"/>	COMP SCI 7023 Software Process Improvement <input type="checkbox"/>	COMP SCI 7092 Mobile & Wireless Systems <input type="checkbox"/>
	COMP SCI 7093 Evolutionary Computation Not Offered in 2020 <input type="checkbox"/>	COMP SCI 7094 Distributed Databases & Data Mining <input type="checkbox"/>	COMP SCI 7407 Advanced Algorithms <input type="checkbox"/>	COMP SCI 7408 Modelling & Analysis of Complex Systems <input type="checkbox"/>
	COMP SCI 7409 Search Based Software Engineering <input type="checkbox"/>	COMP SCI 7411 Event Driven Computing <input type="checkbox"/>	COMP SCI 7412 Secure Software Engineering <input type="checkbox"/>	COMP SCI 7413 Quantum Computing <input type="checkbox"/>
ECIC ELECTIVES	ENTREP 5036 Entrepreneurial Concepts and Mindset <input type="checkbox"/>	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>	ENTREP 5038 New Venture Creation <input type="checkbox"/>	Any other TECHCOMM, PROJMGNT or ENTREP course <input type="checkbox"/>
ECIC TRIMESTER OFFERINGS	ENTREP 7022 Creativity & Innovation <input type="checkbox"/>			

NOTES

^Unless exempted by the Faculty, all international students are required to undertake a specialist course ELEC ENG 7057 Engineering Communication & Critical Thinking. This course must be completed in the first semester of study and will be presented in lieu of a Foundation elective

Information and Enrolment Advice:

Ask ECMS

Email: askecms@adelaide.edu.au

Website: <https://ecms.adelaide.edu.au/study-with-us/student-support>

Program Rules: For academic program rules please refer to the following website:

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

Electives: All students are required to complete **at least one** course from the below elective stream:

Data and Information Management Stream

COMP SCI 7314 Introduction to Statistical Machine Learning

COMP SCI 7094 Distributed Databases & Data Mining

COMP SCI 7306 Mining Big Data

*Before enrolling into an Advanced elective, students are advised to seek course advice from an academic in the School of Computer Science to ensure pre-requisites are met