

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 or Advanced Elective *** <input type="checkbox"/> or ECIC Elective	General Elective <input type="checkbox"/>

** 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 general elective.

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

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



THE UNIVERSITY
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Faculty of Engineering, Computer and Mathematical Sciences 2019 Study Plan

#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

Computing and Innovation Electives Table

CHOOSE FROM THE FOLLOWING 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 <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 offered by the Entrepreneurship, Commercialisation and Innovation Centre <input type="checkbox"/>
ECIC TRIMESTER OFFERINGS	ENTREP 7022 Creativity & Innovation <input type="checkbox"/>			