

Master of Data Science

Year 1			
S1	COMP SCI 7208 Programming & Computational Thinking for Data Science (6 units) <input type="checkbox"/>	MATHS 7027 Mathematical Foundations of Data Science <input type="checkbox"/>	COMP SCI 7405 Research Methods in Software Engineering and Computer Science <input type="checkbox"/>
S2	COMP SCI 7201 Algorithm & Data Structure <input type="checkbox"/>	COMP SCI 7209 Big Data Analysis & Project <input type="checkbox"/>	COMP SCI 7314 Introduction to Statistical Machine Learning <input type="checkbox"/>
			▲Data Science Elective (see elective table) <input type="checkbox"/>
Year 2			
S1	COMP SCI 7097A Master of Data Science Research Project Part A (6 units) <input type="checkbox"/>	MATHS 7103 Probability and Statistics <input type="checkbox"/>	COMP SCI 7306 Mining Big Data <input type="checkbox"/>
S2	COMP SCI 7097B Master of Data Science Research Project Part B (6 units) <input type="checkbox"/>	COMP SCI 7094 Distributed Databases and Data Mining <input type="checkbox"/>	Data Science Elective (see elective table) <input type="checkbox"/>
Core Courses			

Elective Table

CHOOSE FROM THE FOLLOWING DATA SCIENCE ELECTIVES

S1	COMP SCI 7007 Specialised Programming <input type="checkbox"/>	COMP SCI 7059 Artificial Intelligence <input type="checkbox"/>	COMP SCI 7088 Systems Programming <input type="checkbox"/>	COMP SCI 7305 Parallel and Distributed Computing <input type="checkbox"/>
	STATS 7004 Statistics Topic A <input type="checkbox"/>	STATS 7014 Statistics Topic B <input type="checkbox"/>	STATS 7054 Statistical Modelling <input type="checkbox"/>	STATS 7059 Mathematical Statistics <input type="checkbox"/>
	COMP SCI 7407 Advanced Algorithms <input type="checkbox"/>			
S2	COMP SCI 7007 Specialised Programming <input type="checkbox"/>	COMP SCI 7076 Distributed Systems <input type="checkbox"/>	STATS 7008 Statistics Topic D <input type="checkbox"/>	STATS 7107 Statistical Modelling and Inference
	STATS 7023 Computational Bayesian Statistics III <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 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>