

Master of Data Science

Year 1				
S1	COMP SCI 7208 Programming & Computational Thinking for Data Science (6 units) <input type="checkbox"/>		MATHS 7103 Probability and Statistics <input type="checkbox"/>	Elective <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"/>	Elective * <input type="checkbox"/>
Year 2				
S1	COMP SCI 7097A Master of Data Science Research Project Part A (6 units) <input type="checkbox"/>		COMP SCI 7405 Research Methods in Software <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"/>		Elective <input type="checkbox"/>	COMP SCI 7094 Distributed Databases and Data Mining <input type="checkbox"/>

*Unless exempted by the Faculty, all international students are required to undertake the 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 an elective.

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

Data Science Electives Table

CHOOSE FROM THE FOLLOWING 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 7058 Time Series <input type="checkbox"/>
	STATS 7107 Statistical Modelling and Inference <input type="checkbox"/>			