

Master of Machine Learning

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Master of Machine Learning Applied Specialisation

Year	Course	Units	Status
Year 1			
S2	COMP SCI 7212 Human and Ethical Factors in Computer Science	3	
S2	MATHS 7027 Mathematical Foundations of Data Science	3	
S2	PHIL 7005 Machine Learning and Artificial Intelligence	3	
S2	POLIS 7024 Political Institutions and Policy-Making	3	
S1	COMP SCI 7210 Foundations of Computer Science - Python A	3	
S1	COMP SCI 7211 Foundations of Computer Science - Python B	3	
S1	COMP SCI 7317 Using Machine Learning Tools PG	3	
S1	* ELEC ENG 7057 Engineering Communication & Critical Thinking	3	
Year 2			
S2	COMP SCI 7314 Introduction to Statistical Machine Learning	3	
S2	Project Course A	0	
S2	COMP SCI 7416 Applied Machine Learning	3	
S1	Machine Learning Elective	3	
S1	Machine Learning Elective	3	
S1	Project Course B	12	

Core Course	Elective Course (see elective tables)	Specialisation Course
CM = Completed	CR = Credit Awarded	EN = Currently Enrolled
		ENROL = Add to Enrolments

* *ELEC ENG 7057 Engineering Communication & Critical Thinking* is a required course for all international students, unless exempted by the Faculty. Domestic students may present a Machine Learning Elective in lieu of this course.

Project Course Table			
S1 S2	COMP SCI 7205A Master of Machine Learning Research Project Part A	0	
S1 S2	COMP SCI 7205B Master of Machine Learning Research Project Part B	12	
S1 S2	COMP SCI 7206A Master of Machine Learning Industry Project Part A	0	
S1 S2	COMP SCI 7206B Master of Machine Learning Industry Project Part B	12	
Machine Learning Elective Table			
S1	COMP SCI 7039 Computer Networks & Applications	3	
S1	COMP SCI 7088 Systems Programming	3	
S1	COMP SCI 7305 Parallel and Distributed Computing	3	
S1	COMP SCI 7306 Mining Big Data	3	
S1	COMP SCI 7308 Cybersecurity Fundamentals	3	
S1	COMP SCI 7315 Computer Vision	3	
S1	COMP SCI 7407 Advanced Algorithms	3	
S1	COMP SCI 7417 Applied Natural Language Processing	3	
S1	COMP SCI 7419 Deep Learning: Image Processing	3	
S1	MATHS 7103 Probability & Statistics	3	
S1 S2	COMP SCI 7007 Specialised Programming	3	
S1 S2	COMP SCI 7418 Advanced Topics in Machine Learning	3	
S2	COMP SCI 7064 Operating Systems	3	
S2	COMP SCI 7076 Distributed Systems	3	
S2	COMP SCI 7307 Secure Programming	3	

Links and Further Information

- [Course Planner](#) Information about University courses, including availability, class times, restrictions and prerequisites.
- [University Calendar](#) All academic program rules.
- **Contact Ask ECMS:** askecms@adelaide.edu.au • +61 8 8313 4148 • www.ecms.adelaide.edu.au

Master of Machine Learning Technical Specialisation

Course	Units	Status
Year 1		
S2 COMP SCI 7210 Foundations of Computer Science - Python A	3	
S2 COMP SCI 7211 Foundations of Computer Science - Python B	3	
S2 COMP SCI 7212 Human and Ethical Factors in Computer Science	3	
S2 PHIL 7005 Machine Learning and Artificial Intelligence	3	
S1 COMP SCI 7317 Using Machine Learning Tools PG	3	
S1 * ELEC ENG 7057 Engineering Communication & Critical Thinking	3	
S1 MATHS 7027 Mathematical Foundations of Data Science	3	
S1 Machine Learning Elective	3	
Year 2		
S2 COMP SCI 7314 Introduction to Statistical Machine Learning	3	
S2 Project Course A	0	
S2 COMP SCI 7318 Deep Learning Fundamentals	3	
S1 Machine Learning Elective	3	
S1 Project Course B	12	
S1 COMP SCI 7059 Artificial Intelligence	3	

Core Course	Elective Course (see elective tables)	Specialisation Course
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* *ELEC ENG 7057 Engineering Communication & Critical Thinking* is a required course for all international students, unless exempted by the Faculty. Domestic students may present a Machine Learning Elective in lieu of this course.

Project Course Table		
S1 S2	COMP SCI 7205A Master of Machine Learning Research Project Part A	0
S1 S2	COMP SCI 7205B Master of Machine Learning Research Project Part B	12
S1 S2	COMP SCI 7206A Master of Machine Learning Industry Project Part A	0
S1 S2	COMP SCI 7206B Master of Machine Learning Industry Project Part B	12
Machine Learning Elective Table		
S1	COMP SCI 7039 Computer Networks & Applications	3
S1	COMP SCI 7088 Systems Programming	3
S1	COMP SCI 7305 Parallel and Distributed Computing	3
S1	COMP SCI 7306 Mining Big Data	3
S1	COMP SCI 7308 Cybersecurity Fundamentals	3
S1	COMP SCI 7315 Computer Vision	3
S1	COMP SCI 7407 Advanced Algorithms	3
S1	COMP SCI 7417 Applied Natural Language Processing	3
S1	COMP SCI 7419 Deep Learning: Image Processing	3
S1	MATHS 7103 Probability & Statistics	3
S1 S2	COMP SCI 7007 Specialised Programming	3
S1 S2	COMP SCI 7418 Advanced Topics in Machine Learning	3
S2	COMP SCI 7064 Operating Systems	3
S2	COMP SCI 7076 Distributed Systems	3
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