

Graduate Diploma in Machine Learning

Course		Units	Status
Year 1			
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	MATHS 7027 Mathematical Foundations of Data Science	3	
S2	COMP SCI 7212 Human and Ethical Factors in Computer Science	3	
S2	Machine Learning Elective	3	
S2	Specified Elective	3	
S2	Specialisation Elective	3	

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

Specialisations

Technical Specialisation - COMP SCI 7318 Deep Learning Fundamentals.

Applied Specialisation - POLIS 7024 Political Institutions & Policy Making.

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

Specified Elective Table			
S1	COMP SCI 7059 Artificial Intelligence	3	
S2	COMP SCI 7314 Introduction to Statistical Machine Learning	3	
Specialisation Elective Table			
S2	COMP SCI 7318 Deep Learning Fundamentals	3	
S2	POLIS 7024 Political Institutions and Policy-Making	3	
Machine Learning Elective Table			
N/A	PHIL 7003 Cognitive Science: Minds, Brains and Computers	3	
S1	COMP SCI 7039 Computer Networks & Applications	3	
S1	COMP SCI 7059 Artificial Intelligence	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	
S2	COMP SCI 7416 Applied Machine Learning	3	