

Graduate Diploma in Machine Learning

Year 1				
S1	COMP SCI 7210 Foundations of Computer Science - Python A <input type="checkbox"/>	COMP SCI 7211 Foundations of Computer Science - Python B <input type="checkbox"/>	COMP SCI 7317 Using Machine Learning Tools <input type="checkbox"/>	MATHS 7027 Mathematical Foundations of Data Science <input type="checkbox"/>
S2	^Machine Learning Elective (see elective table) <input type="checkbox"/>	COMP SCI 7212 Human and Ethical Factors in Computer Science <input type="checkbox"/>	COMP SCI 7314 Introduction to Statistical Machine Learning <input type="checkbox"/>	#COMP SCI 7318 Deep Learning Fundamentals or POLIS 7024 Political institutions & Policy Making <input type="checkbox"/>
Core Courses		Specialisation Course		

Elective Table

CHOOSE FROM THE FOLLOWING MACHINE LEARNING ELECTIVES				
S1	COMP SCI 7306 Mining Big Data <input type="checkbox"/>	COMP SCI 7308 Cybersecurity Fundamentals <input type="checkbox"/>	COMP SCI 7407 Advanced Algorithms <input type="checkbox"/>	MATHS 7103 Probability & Statistics <input type="checkbox"/>
	COMP SCI 7059 Artificial Intelligence <input type="checkbox"/>	COMP SCI 7315 Computer Vision <input type="checkbox"/>	COMP SCI 7417 Applied Natural Language Processing <input type="checkbox"/>	COMP SCI 7419 Deep Learning: Image Processing <input type="checkbox"/>
	COMP SCI 7007 Specialised Programming <input type="checkbox"/>	COMP SCI 7039 Computer Networks & Applications <input type="checkbox"/>	COMP SCI 7088 Systems Programming <input type="checkbox"/>	COMP SCI 7305 Parallel and Distributed Computing <input type="checkbox"/>
S2	COMP SCI 7416 Applied Machine Learning <input type="checkbox"/>	COMP SCI 7064 Operating Systems <input type="checkbox"/>	COMP SCI 7076 Distributed Systems <input type="checkbox"/>	COMP SCI 7307 Secure Programming <input type="checkbox"/>
	COMP SCI 7007 Specialised Programming <input type="checkbox"/>	COMP SCI 7418 Advanced Topics in Machine Learning Not offered in 2020 <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 must be completed in the first semester of study and will be presented in lieu of a Foundation elective

Specialisations

Technical Specialisation - COMP SCI 7318 Deep Learning Fundamentals
Applied Specialisation - POLIS 7024 Political Institutions & Policy Making

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>