

# Master of Machine Learning

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# Master of Machine Learning Applied Specialisation

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

Core Course	Elective Course (see elective tables)	Specialisation Course
<b>CM</b> = Completed	<b>CR</b> = Credit Awarded	<b>EN</b> = Currently Enrolled
		<b>ENROL</b> = 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	<a href="#">COMP SCI 7205A Master of Machine Learning Research Project Part A</a>	0	
S1 S2	<a href="#">COMP SCI 7205B Master of Machine Learning Research Project Part B</a>	12	
S1 S2	<a href="#">COMP SCI 7206A Master of Machine Learning Industry Project Part A</a>	0	
S1 S2	<a href="#">COMP SCI 7206B Master of Machine Learning Industry Project Part B</a>	12	
Machine Learning Elective Table			
S1	<a href="#">COMP SCI 7039 Computer Networks &amp; Applications</a>	3	
S1	<a href="#">COMP SCI 7088 Systems Programming</a>	3	
S1	<a href="#">COMP SCI 7305 Parallel and Distributed Computing</a>	3	
S1	<a href="#">COMP SCI 7306 Mining Big Data</a>	3	
S1	<a href="#">COMP SCI 7308 Cybersecurity Fundamentals</a>	3	
S1	<a href="#">COMP SCI 7315 Computer Vision</a>	3	
S1	<a href="#">COMP SCI 7407 Advanced Algorithms</a>	3	
S1	<a href="#">COMP SCI 7417 Applied Natural Language Processing</a>	3	
S1	<a href="#">COMP SCI 7419 Deep Learning: Image Processing</a>	3	
S1	<a href="#">MATHS 7103 Probability &amp; Statistics</a>	3	
S1 S2	<a href="#">COMP SCI 7007 Specialised Programming</a>	3	
S2	<a href="#">COMP SCI 7064 Operating Systems</a>	3	
S2	<a href="#">COMP SCI 7076 Distributed Systems</a>	3	
S2	<a href="#">COMP SCI 7307 Secure Programming</a>	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](mailto:askecms@adelaide.edu.au) • +61 8 8313 4148 • [www.ecms.adelaide.edu.au](http://www.ecms.adelaide.edu.au)

# Master of Machine Learning Technical Specialisation

Course	Units	Status
<b>Year 1</b>		
S1 <a href="#">COMP SCI 7210 Foundations of Computer Science - Python A</a>	3	
S1 <a href="#">COMP SCI 7211 Foundations of Computer Science - Python B</a>	3	
S1 <a href="#">COMP SCI 7317 Using Machine Learning Tools PG</a>	3	
S1 * <a href="#">ELEC ENG 7057 Engineering Communication &amp; Critical Thinking</a>	3	
S2 <a href="#">COMP SCI 7212 Human and Ethical Factors in Computer Science</a>	3	
S2 <a href="#">MATHS 7027 Mathematical Foundations of Data Science</a>	3	
S2 <a href="#">PHIL 7005 Machine Learning and Artificial Intelligence</a>	3	
S2 Machine Learning Elective	3	
<b>Year 2</b>		
S1 Machine Learning Elective	3	
S1 Project Course A	0	
S1 <a href="#">COMP SCI 7059 Artificial Intelligence</a>	3	
S2 <a href="#">COMP SCI 7314 Introduction to Statistical Machine Learning</a>	3	
S2 Project Course B	12	
S2 <a href="#">COMP SCI 7318 Deep Learning Fundamentals</a>	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	<a href="#">COMP SCI 7205A Master of Machine Learning Research Project Part A</a>	0
S1 S2	<a href="#">COMP SCI 7205B Master of Machine Learning Research Project Part B</a>	12
S1 S2	<a href="#">COMP SCI 7206A Master of Machine Learning Industry Project Part A</a>	0
S1 S2	<a href="#">COMP SCI 7206B Master of Machine Learning Industry Project Part B</a>	12
Machine Learning Elective Table		
S1	<a href="#">COMP SCI 7039 Computer Networks &amp; Applications</a>	3
S1	<a href="#">COMP SCI 7088 Systems Programming</a>	3
S1	<a href="#">COMP SCI 7305 Parallel and Distributed Computing</a>	3
S1	<a href="#">COMP SCI 7306 Mining Big Data</a>	3
S1	<a href="#">COMP SCI 7308 Cybersecurity Fundamentals</a>	3
S1	<a href="#">COMP SCI 7315 Computer Vision</a>	3
S1	<a href="#">COMP SCI 7407 Advanced Algorithms</a>	3
S1	<a href="#">COMP SCI 7417 Applied Natural Language Processing</a>	3
S1	<a href="#">COMP SCI 7419 Deep Learning: Image Processing</a>	3
S1	<a href="#">MATHS 7103 Probability &amp; Statistics</a>	3
S1 S2	<a href="#">COMP SCI 7007 Specialised Programming</a>	3
S2	<a href="#">COMP SCI 7064 Operating Systems</a>	3
S2	<a href="#">COMP SCI 7076 Distributed Systems</a>	3
S2	<a href="#">COMP SCI 7307 Secure Programming</a>	3

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