

Graduate Certificate in Computer Science

Year 1	Course	Units	Status
S2	^ Foundation / Computer Science / Advanced Elective	3	
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Elective Course (see elective tables)			
CM = Completed	CR = Credit Awarded	EN = Currently Enrolled	ENROL = Add to Enrolments

^ **Electives:** Before enrolling into electives, students are advised to seek course advice from an academic in the School of Computer Science to ensure pre-requisites for electives are met.

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

Foundation Elective Table			
S1	COMP SCI 7088 Systems Programming	3	
S1	COMP SCI 7207 Web and Database Computing	3	
S1 S2	COMP SCI 7081 Computer Systems	3	
S1 S2	COMP SCI 7201 Algorithm & Data Structure Analysis	3	
S1 S2	COMP SCI 7202 Foundations of Computer Science	6	
Computer Science Elective Table			
S1	COMP SCI 7039 Computer Networks & Applications	3	
S1	COMP SCI 7059 Artificial Intelligence	3	
S1	COMP SCI 7305 Parallel and Distributed Computing	3	
S1 T1	COMP SCI 7306 Mining Big Data	3	
S2	COMP SCI 7015 Software Engineering & Project	3	
S2	COMP SCI 7064 Operating Systems	3	
S2	COMP SCI 7076 Distributed Systems	3	
S2	COMP SCI 7316 Evolutionary Computation	3	
S2 T2	COMP SCI 7314 Introduction to Statistical Machine Learning	3	
T1	COMP SCI 7308 Cybersecurity Fundamentals	3	
T2	COMP SCI 7315 Computer Vision	3	
T2	COMP SCI 7307 Secure Programming	3	
Advanced Elective Table			
Not Available	COMP SCI 7094 Distributed Databases & Data Mining	3	
Not Available	COMP SCI 7408 Modelling and Analysis of Complex Systems PG	3	
Not Available	COMP SCI 7409 Search Based Software Engineering	3	
S1	COMP SCI 7023 Software Process Improvement	3	
S1	COMP SCI 7407 Advanced Algorithms	3	
S1	COMP SCI 7413 Introduction to Quantum Computing	3	
S1	COMP SCI 7417 Applied Natural Language Processing	3	
S1 S2	COMP SCI 7007 Specialised Programming	3	
S2	COMP SCI 7092 Mobile and Wireless Systems	3	
S2	COMP SCI 7411 Event Driven Computing	3	
S2	COMP SCI 7412 Secure Software Engineering	3	
S2	COMP SCI 7416 Applied Machine Learning	3	