

Master of Engineering (Civil & Structural)

Year 1				
S1	C&ENVENG 7020 Computer Analysis of Structural Dynamics <input type="checkbox"/>	C&ENVENG 7005 Reinforced Concrete Design <input type="checkbox"/>	ELEC ENG 7057 Engineering Communication & Critical Thinking <input type="checkbox"/>	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>
S2	C&ENVENG 7007 Structural Steel Design <input type="checkbox"/>	C&ENVENG 7069 Geotechnical Engineering <input type="checkbox"/>	ELEC ENG 7164 Business Management Systems <input type="checkbox"/>	MATHS 7025 Research Methods and Statistics <input type="checkbox"/>
Year 2				
S1	C&ENVENG 7049A Masters Civil & Structural Engineering Project Part 1 (6 units) <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>
S2	C&ENVENG 7049B Masters Civil & Structural Engineering Project Part 2 (6 units) <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>

Core Courses

Foundation Courses

NOTE: To undertake the Research Project courses students must enrol in both the courses C&ENVENG 7049A and C&ENVENG 7049B. These courses must be taken in two consecutive semesters.

For a complete list of courses that constitute the program, including majors, please refer to the academic program rules website: <https://calendar.adelaide.edu.au/faculty/ecms>

Further Information and Enrolment Advice

Faculty of Engineering, Computer and Mathematical Sciences

Email: askecms@adelaide.edu.au

www.ecms.adelaide.edu.au

Engineering Electives Table

CHOOSE FROM THE FOLLOWING ELECTIVES				
S1	C&ENVENG 7056 Linear Geostats PG ** <input type="checkbox"/>	C&ENVENG 7108 Environmental Systems Dynamics <input type="checkbox"/>	C&ENVENG 7112 Advanced Civil Geotechnical Engineering <input type="checkbox"/>	MECH ENG 7059 Finite Element Analysis of Structures <input type="checkbox"/>
	C&ENVENG 7107 Prestressed Concrete Structures <input type="checkbox"/>	C&ENVENG 7037 Water Distribution Systems & Design <input type="checkbox"/>		
WINTER	C&ENVENG 7114 Advanced Hydrological Modelling & Water Resources Management <input type="checkbox"/>			
S2	C&ENVENG 7110 Soil & Groundwater Remediation <input type="checkbox"/>	MECH ENG 7023 Fracture Mechanics <input type="checkbox"/>	C&ENVENG 7109 Designing Water Resource Systems for Urban Environments <input type="checkbox"/>	C&ENVENG 7033 Seismic Design of Masonry Buildings <input type="checkbox"/>
	MECH ENG 7043 Stresses in Plates & Shells <input type="checkbox"/>			
SUMMER/ TRIMESTER OFFERINGS	MECH ENG 7023 Fracture Mechanics <input type="checkbox"/>	C&ENVENG 7043 Introduction to Geostatistics ** <input type="checkbox"/>		

** C&ENVENG 7043 Introduction to Geostatistics is a pre-requisite to C&ENVENG 7056 Linear Geostats PG