

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"/>
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"/>
PROJMGNT 5021 Project Management Fundamentals <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"/>	Civil Engineering Elective (see elective table) <input type="checkbox"/>	Civil Engineering Elective (see elective table) <input type="checkbox"/>
S2	C&ENVENG 7049B Masters Civil & Structural Engineering Project Part 2 (6 units) <input type="checkbox"/>	Civil Engineering Elective (see elective table) <input type="checkbox"/>	Civil Engineering Elective (see elective table) <input type="checkbox"/>
Core Courses	Foundation Courses	Elective (see table)	

Elective Table

CHOOSE FROM THE FOLLOWING ENGINEERING ELECTIVES			
S1	C&ENVENG 7112 C&ENVENG 7108 MECH ENG 7059 C&ENVENG 7061 C&ENVENG 7077	Advanced Civil Geotechnical Engineering Environmental Systems Dynamics Finite Element Analysis of Structures Computer Methods of Structural Analysis Engineering Hydrology	S2
			C&ENVENG 7110 C&ENVENG 7109 C&ENVENG 7107 C&ENVENG 7085 C&ENVENG 7079 C&ENVENG 7029
			Soil & Groundwater Remediation Designing Water Resource Systems for Urban Environments Prestressed concrete structures Traffic Engineering Water Engineering & Design Environmental Modelling & Management
TBC	C&ENVENG 7114 C&ENVENG 7115 C&ENVENG 7047 MECH ENG 7023 C&ENVENG 7033	Advanced Hydrological Modelling & Water Resource Management Advanced Topics in Flood Hydrology Analysis of Rivers & Sediment Transport Fracture Mechanics Seismic Design of Masonry Buildings	

NOTES

Practical Experience: A total of 12 weeks practical experience approved by the Faculty and of which a minimum 6 weeks should be under the supervision of a professional engineer. Students who have previously completed an approved 12 week period of practical experience are exempt from this requirement.

Information and Enrolment Advice:

Ask ECMS

Email: askecms@adelaide.edu.au

Program Rules: For academic program rules please refer to the following website:

<https://calendar.adelaide.edu.au/faculty/ecms>

Website: <https://ecms.adelaide.edu.au/study-with-us/student-support>