

## Master of Engineering Science CIVIL ENGINEERING

EAIT faculty home: [www.eait.uq.edu.au](http://www.eait.uq.edu.au)

CIVIL home: [www.civil.uq.edu.au](http://www.civil.uq.edu.au)

Part A - Compulsory Research #4					Part B - Electives												
					Research		Water and Environmental			Geotechnical		Structures		Transport		Fire	
Semester 2	CIVL7512* Research project	Elective	Elective	Elective	Semester 2	CIVL7501* Research thesis	CIVL7505 Research methods for civil engineers			CIVL7170 Pollution Control in Cities	CIVL7235 <sup>e</sup> Underground structures EVEN		CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational Design and Digital Workflows	CIVL7435 Traffic simulation		FIRE7620 Fire dynamics
Semester 1		Elective	Elective	Elective			Semester 1			CIVL7131 Urban Hydrology	CIVL7155 <sup>e</sup> Environmental Fluid Mechanics – Modelling Applications EVEN	CIVL7135 Advanced engineering monitoring	CIVL7215 <sup>o</sup> Ground improvement and remediation technologies ODD	CIVL7225 <sup>e</sup> Dam and embankment engineering EVEN	CIVL7350 Design of composite structures		CIVL7415 Transport Data Analytics

Enrol in CIVL7512 in both semesters

Enrol in CIVL7501 in both semesters

\* CIVL7500/7501 (#8 units) may be taken in lieu of CIVL7511/7512 and two electives

o Course offered in ODD years only

e Course offered in EVEN years only