

## 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 1	CIVL7513 <sup>&amp;*</sup> Research project	Elective	Elective	Elective	CIVL7500 <sup>&amp;!</sup> Research thesis		CIVL7131 Urban Hydrology	CIVL7155 <sup>e</sup> Environmental Fluid Mechanics – Modelling Applications EVEN	CIVL7135 Advanced engineering monitoring	CIVL7215 Ground improvement and remediation technologies	CIVL7225 Dam and embankment engineering	CIVL7350 Design of composite structures		CIVL7415 Transport Data Analytics	CIVL7425 Strategic Transport Modelling	FIRE7660 Structural fire engineering
Semester 2		Elective	Elective	Elective			CIVL7505 Research methods for civil engineers				CIVL7235 <sup>e</sup> Underground structures EVEN		CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational Design and Digital Workflows	CIVL7435 Traffic simulation	

Enrol in CIVL7513 in both semesters

Enrol in CIVL7500 in both semesters

& CIVL7500/7501 (#8 units) may be taken in lieu of CIVL7513/7514 and two electives

o Course offered in ODD years only

e Course offered in EVEN years only

\* For semester 2 commencement enrol in CIVL7514 in both semesters

! For semester 2 commencement enrol in CIVL7501 in both semesters

Revised: 20/01/2021