

MEngSc - FIRE SAFETY ENGINEERING

EAIT faculty home: www.eait.uq.edu.au

CIVIL home: www.civil.uq.edu.au

Parts A - Compulsory #16					Part B - Electives													
					Multipdisciplinary			Water and Environmental			Geotechnical		Structures		Transport			
Semester 1	1	FIRE7600 Introduction to fire safety engineering	FIRE7610 Fire engineering design: Solutions for implicit safety	Elective	Elective	Semester 1	PLAN7901 Principles of project management	ENGG7602 Advanced engineering laboratory techniques	ENGG7600 Advanced engineering practice	CIVL7131 Urban Hydrology	CIVL7155° Modelling of environmental fluid mechanics EVEN	CIVL7135° Advanced engineering monitoring ODD	CIVL7215° Ground improvement and remediation technologies ODD	CIVL7225° Dam and embankment engineering EVEN	CIVL7350 Design of composite structures		CIVL7415° Spatial and quant. methods for transport data analysis EVEN	CIVL7425° Transport models for planning ODD
Semester 2	2	FIRE7512* Research thesis	FIRE7620 Fire dynamics	FIRE7680 Fire engineering design: Explicit quantification of safety	Elective	Semester 2	PLAN7902 Applications of project management	ENGG7601 Experimental design				CIVL7170 Advanced sustainable built environment	CIVL7235° Underground structures EVEN		CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational methods for optimization and advanced analysis	CIVL7435° Traffic simulation ODD	
Semester 1	3		FIRE7640 Fire dynamics laboratory	FIRE7660 Structural fire engineering	Elective													

Enrol in FIRE7512 in both semesters

o Course offered in ODD years only

e Course offered in EVEN years only

* For semester 1 thesis commencement, enrol in FIRE7511 in both semesters

Revised: 29/01/2019