

MEngSc - FIRE SAFETY ENGINEERING (#24)

Study plan

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

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

		Parts A - Compulsory #16				Part B - Electives										
March Semester	1	Introduction to fire safety engineering FIRE7600	Fire engineering design: Solutions for implicit safety FIRE7610	Elective	Elective	March Semester	Principles of project management PLAN7901	Advanced engineering laboratory techniques ENGG7602	Advanced engineering practice ENGG7600	Modelling of environmental fluid mechanics CIVL7155 ^o EVEN	Advanced engineering monitoring CIVL7135 ^o ODD	Ground improvement and remediation technologies CIVL7215 ^o ODD	Dam and embankment engineering CIVL7225 ^e EVEN	Design of composite structures CIVL7350	Spatial and quant. methods for transport data analysis CIVL7415 ^o EVEN	Transport models for planning CIVL7425 ^o ODD
July Semester	2	Research thesis FIRE7511/7512 [%]	Fire dynamics FIRE7620	Fire engineering design: Explicit quantification of safety FIRE7680	Elective	July Semester	Applications of project management PLAN7902	Experimental design ENGG7601	Adv. comp. techniques in engineering ENGG7302 March or July Semester		Advanced sustainable built environment CIVL7170		Underground structures CIVL7235 ^e EVEN	Advanced concrete structures and concrete technology CIVL7315	Computational methods for optimization and advanced analysis CIVL7360	Traffic simulation CIVL7435 ^o ODD
March Semester	3		Fire dynamics laboratory FIRE7640	Structural fire engineering FIRE7660	Elective											

^o Course offered in ODD years only.

^e Course offered in EVEN years only.

[%] Two semester course (#4 units). CIVL7511 if starting in March semester OR CIVL7512 if starting in July semester