

## Master of Engineering Science - FIRE SAFETY ENGINEERING

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

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

Parts A - Compulsory #16						Part B - Electives										
						Multipdisciplinary	Water and Environmental			Geotechnical		Structures		Transport		
Semester 1	1	<b>FIRE7600</b> Introduction to fire safety engineering	<b>FIRE7610</b> Fire engineering design: Solutions for implicit safety	Elective	Elective	Semester 1	<b>PLAN7901</b> Principles of project management	<b>CIVL7131</b> Urban Hydrology	<b>CIVL7135</b> Advanced Environmental Monitoring Techniques for Civil Engineers	<b>CIVL7155<sup>e</sup></b> Environmental Fluid Mechanics - Modelling Applications <b>EVEN</b>	<b>CIVL7215</b> Ground improvement and remediation technologies	<b>CIVL7225</b> Dam and embankment engineering	<b>CIVL7350</b> Design of composite structures		<b>CIVL7415</b> Transport Data Analytics	<b>CIVL7425</b> Strategic Transport Modelling
Semester 2	2	<b>CIVL7514*</b> Research thesis	<b>FIRE7620</b> Fire dynamics	<b>FIRE7680</b> Fire engineering design: Explicit quantification of safety	Elective	Semester 2	<b>PLAN7902</b> Applications of project management				<b>CIVL7235<sup>e</sup></b> Underground structures <b>EVEN</b>		<b>CIVL7315</b> Advanced concrete structures and concrete technology	<b>CIVL7360</b> Computational Design and Digital Workflows	<b>CIVL7435</b> Traffic Simulation	
Semester 1	3		<b>FIRE7640</b> Fire dynamics laboratory	<b>FIRE7660</b> Structural fire engineering	Elective											

*Enrol in FIRE7512 in both semesters*

<sup>o</sup> Course offered in ODD years only

<sup>e</sup> Course offered in EVEN years only

\* For semester 1 thesis commencement, enrol in CIVL7513 in both semesters

Revised: 20/01/2021