



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Graduate Certificate in Engineering Science

(Fire Safety Engineering)



Graduate Certificate in Engineering Science (Fire Safety Engineering) - Study Plan

This study plan is a guide only for students commencing the [Graduate Certificate in Engineering Science \(Fire Safety Engineering\)](#) in 2023. Please note that all course selections must adhere to the program course list outlined at [UQ Courses and Programs](#). If you have any questions or concerns regarding your course selections, please speak with an [Academic Advisor](#) in the School of Civil Engineering.

Complete 8 units comprising:

4 units for all GCEngSc (Fire Safety Engineering) Compulsory Courses, and

4 units from GCEngSc (Fire Safety Engineering) Discipline Elective Courses

February 2023 Commencement

SEM	YEAR 1	
Sem 1 Feb	FIRE7600 Introduction to Fire Safety Engineering	FIRE4610 Fire Engineering Design: Solutions for Implicit Safety
Sem 2 July	Elective	Elective

Electives

Course Code	Course Title	Sem	Notes
Fire Safety Engineering			
FIRE7620	Fire Dynamics	2	Recommended
FIRE7640	Fire Dynamics Laboratory	2	Recommended
FIRE7660	Structural Fire Engineering	1	
FIRE7680	Fire Engineering Design: Explicit Quantification of Safety	2	Recommended