

GRADUATE DIPLOMA IN FIRE SAFETY ENGINEERING (3791)

Approved Abbreviation: GradDipFireSafeEng
Western Sydney University Program Code: 3791
AQF Level: 8

This program applies to students who commenced in 2022 or later.

Students should follow the program structure for the session start date relevant to the year they commenced.

For Commencement Year 2016, please refer to: 3706.2
Graduate Diploma in Fire Safety Engineering (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=3706.2>)

For Commencement Year 2015, please refer to: 3706.1
Graduate Diploma in Fire Safety Engineering (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=3706.1>)

The Graduate Diploma in Fire Safety Engineering is a two-year part time program which aims to provide professionals with the special skills and knowledge to develop, assess and evaluate fire safety engineering solutions for the built environment. It is relevant to fire safety engineers developing performance solutions using the fire engineering guidelines to meet the objectives and performance requirements of building regulations. The program can be completed in one year of full-time study, but the recommended study load is completion in two years in part-time mode.

The program has been designed primarily for External delivery. Many of the units have non-compulsory workshops that can be either attended online or on campus. Students are encouraged to attend these workshops to gain the benefit of interaction with their peers.

Early Exit

Students may exit this program on completion of 40 credit points with a 3792 Graduate Certificate in Fire Safety Engineering (<https://hbook.westernsydney.edu.au/programs/graduate-certificate-fire-safety-engineering/>)

Study Mode

Two years part-time. Students can fast-track by completing additional subjects per semester to complete the program earlier.

Program Advice

Program Advice (edbe@westernsydney.edu.au)

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (<https://enquiry.westernsydney.edu.au/courseenquiry/>) | Local Admission (<https://www.westernsydney.edu.au/future/>) | International Admission (<https://www.westernsydney.edu.au/international/home/apply/admissions/>) |

Location

| Campus | Attendance | Mode | Advice |
|--|------------|----------|-----------|
| Parramatta City Campus- Macquarie Street | Part Time | External | See above |

Accreditation

This program is recognised under the NSW Building and Design Certifiers Act 2018 as meeting the requirements for Certifiers - Fire safety.

Admission

Applicants must have successfully completed an undergraduate degree or higher, in any field of engineering or engineering science, **and** at least 2 years full-time equivalent professional work experience in construction management, building surveying or fire systems design

Or

A Diploma or higher in any field of engineering or engineering science, building, construction management, building surveying, fire systems design, architecture or physical sciences, **and** at least 5 years full-time equivalent professional work experience in construction management, building surveying, fire systems design (fire protection) or a State fire service.

Applicants seeking admission on the basis of work experience must support their application with a Statement of Service for all work experience listed on the application.

Statement of Service form (https://www.westernsydney.edu.au/content/dam/digital/pdf/Statement_of_Service.PDF)

Applications from Australian and New Zealand citizens and holders of permanent resident visas must be made via the Universities Admissions Centre (UAC). Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local and International applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

<http://www.uac.edu.au/>
<https://westernsydney.uac.edu.au/ws/>

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

Recommended Sequence

Qualification for this award requires the successful completion of 80 credit points as per the recommended sequence below.

Autumn intake

| Course | Title | Credit Points |
|-----------------------|------------------------------------|---------------|
| Year 1 | | |
| Autumn session | | |
| BLDG 7002 | Building Regulations | 10 |
| ENGR 5001 | Fire Engineering 1 (Fire Dynamics) | 10 |
| Credit Points | | 20 |
| Spring session | | |
| BLDG 7005 | Egress and Risk Assessment | 10 |
| CIVL 7012 | Building Fire Services | 10 |

Students may exit at this point with a Graduate Certificate in Fire Safety Engineering (40 credit points)

| | | |
|----------------------------|--|-----------|
| Credit Points | | 20 |
| Year 2 | | |
| Autumn session | | |
| ENGR 7007 | Fire Engineering 2 (Fire Models) | 10 |
| ENGR 7019 | Specialised Software Applications | 10 |
| Credit Points | | 20 |
| Spring session | | |
| ENGR 7008 | Fire Engineering Design and Assessment | 10 |
| BLDG 7008 | Professional Practice and Building Law | 10 |
| Credit Points | | 20 |
| Total Credit Points | | 80 |

Spring intake

| Course | Title | Credit Points |
|---|--|---------------|
| Year 1 | | |
| Spring session | | |
| BLDG 7005 | Egress and Risk Assessment | 10 |
| CIVL 7012 | Building Fire Services | 10 |
| Credit Points | | 20 |
| Autumn session | | |
| BLDG 7002 | Building Regulations | 10 |
| ENGR 5001 | Fire Engineering 1 (Fire Dynamics) | 10 |
| Students may exit at this point with a Graduate Certificate in Fire Safety Engineering (40 credit points) | | |
| Credit Points | | 20 |
| Year 2 | | |
| Spring session | | |
| ENGR 7008 | Fire Engineering Design and Assessment | 10 |
| BLDG 7008 | Professional Practice and Building Law | 10 |
| Credit Points | | 20 |
| Autumn session | | |
| ENGR 7007 | Fire Engineering 2 (Fire Models) | 10 |
| ENGR 7019 | Specialised Software Applications | 10 |
| Credit Points | | 20 |
| Total Credit Points | | 80 |

Replaced Subjects

ENGR 7006 Fire Engineering 1 (Fire Dynamics) replaced by ENGR 5001 Fire Engineering 1 (Fire Dynamics)