

BEng (Hons)

# Fire Engineering

Part Time 2025-2027

20<sup>th</sup> Intake  
Course Code:  
253-29240

*The above course is an exempted course under the Non-local Higher and Professional Education (Regulation) Ordinance (reference number 451418).  
It is a matter of discretion for individual employers to recognise any qualification to which this programme may lead.*



BEng (Hons) Fire Engineering is recognised under the Qualifications Framework.

QF Level : 5  
QR Registration Number : 14/002657/L5  
Validity Period : 1 Sep 2014 to 31 Aug 2028



[www.scope.edu/topup/fire-eng](http://www.scope.edu/topup/fire-eng)

# Leading the way in modern learning

The University of Central Lancashire (UCLan) is an international, multi-campus University tracing its roots back to 1828 and leading the way in modern learning today. The main campus is based in Preston in UK. UCLan always believes in helping all to seize every opportunity to flourish in education, at work and for life and is innovative by nature, offering more choices and creating more possibilities. Combining academic excellence and real-world teaching, the University gives people the skills and experience that the industry needs (<https://youtu.be/l1dyIH8zOnU>)

The University of Lancashire (UCLan) is now one of the UK's largest universities with a staff and student community approaching 38,000. Its employment-focused course portfolio with over 350 undergraduate programmes, nearly more than 200 postgraduate courses and rich array of CPD courses means that the University offer students the skills and experience that industry needs.



## Why Fire Engineering?

Fire Engineering is the science of formulating fire safety solutions or mitigating measures for modern buildings or structures based on quantifying hazards, assessing risks and gauging human response. This “fire engineering approach” is now widely adopted in world-class cities for complex and voluminous buildings; and allows greater flexibility in designs, choice of materials, and more cost effective solutions without compromising the primary goal of life safety.

Apart from the building safety design using the traditional prescriptive codes, this programme will also emphasis on performance-based design with an aim to prepare students to meet the need of the industry.

## BEng (Hons) Fire Engineering

The University of Central Lancashire (UCLan), through the School of Continuing and Professional Education (SCOPE), City University of Hong Kong (CityU), is offering a part-time programme leading to the award of BEng (Hons) Fire Engineering.

## HKCAAVQ Accreditation

This programme is accredited by the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ) to reach HKQF Level 5.

QF Level : 5

QR Registration No. : 14/002657/L5

Validity Period: 1 Sep 2014 to 31 Aug 2028








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## Professional Recognition

Accredited by the Energy Institute on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as an Incorporated Engineer and partly meeting the academic requirement for registration as a Chartered Engineer.

## Programme Structure

There are two entry points. Students are required to complete 180 credits (Route 1) or 230 credits (Route 2) over 2 years of part-time study.

Module Title	Credits	Route 1 (180 credits)	Route 2 (230 credits)
Project Management	10	✓	✓
Computational Engineering 	20	✓	✓
Engineering Analysis 2 	20	✓	✓
Enclosure Fire Dynamics 	20	✓	✓
Fire Protection Engineering 	20	✓	✓
Fire Investigation	20	✓	✓
Probabilistic Risk Analysis 	20	✓	✓
Engineering Design Project	20	✓	✓
Engineering Dissertation	20	✓	✓
Introduction to Combustion and Fire 	20		✓
Fire and Built Environment 	20		✓
Fluid Dynamics of Fire	20		✓
Accidents and Catastrophes	10	✓	

\* The module combination and teaching sequence are subject to revision by UCLan.

## Continuing Education Fund (CEF)

Below modules are included in the list of reimbursable courses under the Government's Continuing Education Fund (CEF). This programme of the below modules are recognised under the Qualifications Framework (QF Level 5). For application details, please refer to the website of the Office of CEF at [www.wfsfaa.gov.hk/cef/intro.htm](http://www.wfsfaa.gov.hk/cef/intro.htm).

- 36Z109028 Introduction to Combustion and Fire
- 36Z109052 Fire and Built Environment
- 36Z109060 Computational Engineering
- 36Z109079 Engineering Analysis 2
- 36Z109087 Enclosure Fire Dynamics
- 36Z109095 Probabilistic Risk Analysis
- 36Z109109 Fire Protection Engineering

## Medium of Instruction

English

## Assessment

Module assessment comprises coursework and / or an examination. To complete and obtain credits for a module, students must undertake all required elements and achieve a mark of at least 40%.

## Delivery and Venue

Modules are arranged on weekday evenings and/ or Saturday afternoons. Classes will mainly take place in teaching venues at Kowloon Tong and SCOPE Tsim Sha Tsui East Learning Centre.

## Important Notes for applying IFE discounts

1) The 5% of IFE discounts are only applicable for non-CEF reimbursable modules (i.e. NOT applicable for CEF reimbursable modules). You can refer to the website at [www.scope.edu/topup/fire-eng](http://www.scope.edu/topup/fire-eng) for the list of CEF reimbursable and non-CEF reimbursable modules of your programme.

2) Students who wish to apply for 5% discount on the non-CEF reimbursable modules from the first instalment of 2025-2026 have to submit a copy of valid proof of IFE membership to [fire.scope@cityu.edu.hk](mailto:fire.scope@cityu.edu.hk) on or before 30 June 2025. Submission of valid proof of IFE membership during the period of 1 July 2025 to 31 October 2025 will fall into the final round process with discount effective starting from the second instalment of 2025-2026. All submission of valid proof of IFE membership after 31 October 2025 will not be handled.

## Extended Non-means-tested Loan Scheme (ENLS)

Successful applicants are eligible to apply for the Extended Non-means-tested Loan Scheme (ENLS) administered by the Student Finance Office (SFO) of the HKSAR Government. The maximum financial assistance under the ENLS is equivalent to the total tuition fees payable of the programme. For details or enquiries please contact 2150 6223 or visit the Government website [www.wfsfaa.gov.hk](http://www.wfsfaa.gov.hk).

## Program Commencement

September 2025

### Application Deadline:

30 June 2025 (Monday)

All applications will be processed on a rolling and competitive basis and application may close earlier than the original deadline if all available places have been filled. Therefore, early enrolment from interested parties are highly encouraged. The whole process and selection outcome will be endorsed UCLan. All decisions will be final.

## Admission Requirements

There are 2 entry points for eligible applicants with different qualifications:

### Route 1 (students have to complete 180 credits in 2 years)

- Holders of Foundation Degree in Science in Fire Safety Engineering (FDSc), or equivalent qualification.

### Route 2 (students have to complete 230 credits in 2 years)

- Holders of Higher Diploma (HD) / Associate Degree (AD) / Higher National Diploma (HND), or equivalent qualification, in building services or mechanical engineering with mathematics courses studies; or
- Holders of HD / AD in a relevant discipline (other than building services or mechanical engineering) who can demonstrate competence in mathematics and have a minimum of 3 years of experience in a relevant profession.

Applicants whose qualifications were not taught and assessed in English may be required to demonstrate their English proficiency as equivalent to IELTS 6.0.

## Online Enquiries of Application Status

An acknowledgement of your application will be sent to you via email. Confirmation of application can also be made at our website: [www.scope.edu/trackstatus](http://www.scope.edu/trackstatus) 7 working days after submission of your application form.

### IMPORTANT NOTES

The standard duration of study for the BEng (Hons) Fire Engineering top-up programme, offered by CityUHK SCOPE in September 2025, will be two years, concluding at the end of August 2027. Please note that the 2025 intake will be the final intake of BEng (Hons) Fire Engineering programme offered by CityUHK SCOPE. No further intakes will be offered after this.

We are committed to supporting students who may face challenges in their studies under extenuating circumstances. This support will be available until December 2027, ensuring students have sufficient time to address any difficulties and achieve their academic goals. However, requests for the deferral of study will not be considered. All decisions made by CityUHK SCOPE and the University of Central Lancashire will be final.

The final decision on the commencement of the 2025 Intake is expected by mid-August 2025. This decision will depend on the final enrolment numbers. CityUHK SCOPE and the University of Central Lancashire reserve the right to cancel the 2025 intake if there is insufficient enrolment or in the event of any other extenuating circumstances.

## Programme Fee

- HK\$161,000 for Route 2 (230 credits), payable in 6 instalments
- HK\$126,000 for Route 1 (180 credits), payable in 5 instalments

\* Additional fees will be charged in the case of retaking. All fees paid are non-refundable.

## Application Fee

HK\$160 (Waived until further notice)

## How to Apply

1. Application should be submitted online via [www.scope.edu/eapplication](http://www.scope.edu/eapplication).
2. Application form can be obtained upon request from the reception counter of CityUHK SCOPE.
3. All copies of academic transcripts / certificates (including the academic qualifications stated on the admission requirement and HKALE/ HKCEE/ HKDSE result) must be submitted at the time of application. Incomplete application will cause a delay in processing.
4. Applicants will be selected on the basis of the academic merits and relevant work experience. All applicants will be informed of the application results. Please contact us if you do not receive our decision by early August 2025.

## Enquiries

### School of Continuing and Professional Education

Location : 2410, 2/F, Li Dak Sum Yip Yio Chin Academic Building (LI), City University of Hong Kong

Tel : 3442 5487 / 3442 7423

Fax : 3104 0514

Email : [fire.scope@cityu.edu.hk](mailto:fire.scope@cityu.edu.hk)

Website : [www.cityu.edu.hk/ce/fire](http://www.cityu.edu.hk/ce/fire)

\* Details in this publication are accurate at the time of printing. The information stipulated in the brochure is also subject to continuous review of the universities. Changes may occur throughout the delivery of the programme.