



LEEDS  
BECKETT  
UNIVERSITY  
United Kingdom



# BEng (Hons) Building Services Engineering

(Reg. No. 252742(3))

*in association with Leeds Beckett University, UK*

## Introduction to the Course

The BEng (Hons) Building Services Engineering is operated for both full-time and part-time course mode and suitable for students seeking to become engineering practitioners employed in the building services engineering and related disciplines i.e. design, mechanical and electrical estimating, services project management, low carbon buildings design, architectural engineering and controls engineering.

The course aims to provide a broad based educational experience, enabling successful students to enter careers in the building services engineering and allied sector. In the future students who have studied STEM\* subject disciplines are going to be in great demand.

This course is seen as a stepping stone for students who enjoy problem solving and would like to be involved in a diverse and interesting career and the opportunity to work on such projects as designing 'clean room' ventilation systems for the pharmaceutical industries, low energy lighting solutions for education establishments and intelligent building systems for international clients.

## Course Features

- 3 years full-time degree course delivered over 9 consecutive semesters
- 3.5 years part-time degree course delivered over 10 consecutive semesters
- Recognition of Prior Learning (RPL) is applicable
- Postgraduate Study - MSc Building Services Engineering can be articulated
- Focus upon sustainable environments within buildings by studying the techniques behind low-carbon design and renewable solutions.
- All assessments set by Leeds Beckett University to assure the quality standard

\*STEM: Science, Technology, Engineering and Mathematics



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## Course Structure

Each module is worth 20 credit point except the Dissertation. The whole course comprises of 360 credit points. Each 20 credit point module spans over a semester. There are three semesters per year:

Semester A : September to December ; Semester B : January to April ; Semester S : May to August

The following modules are offered:

Year 1	Year 2	Year 3
Building Services Design Principles	Engineering Mathematics	Low Carbon Systems Design
Advanced Mathematics	Electrical Services and Lighting Systems	Intelligent Building Technologies
Building Services Science	Air-conditioning and Refrigeration Systems	Facilities & Maintenance Management
Thermo Fluids	Construction Communications and Applications	Building Physics (Modelling & Analysis)
Electrical and Electronic Principles	Building Management Systems and Control Systems	Dissertation (40 credit points)
Mechanical Services	Group Design Project	

## Admission

- Completion of a Higher Diploma / Higher Certificate / Associate Degree pitched at HKQF Level 4 in science, mathematics and engineering disciplines or equivalent; or
- Completion of BTEC National Diploma, Extended Diploma or BTEC Diploma or any International Diploma, International Advanced Level or equivalent; or
- HKDSE results meeting 120 UCAS new tariff points, including the "Compulsory Part" and the "Extended Part" of Mathematics totalling 40 UCAS new tariff points, and one science subject; or
- Mature applicants aged 21 or above with relevant work experience will be considered on case-by-case basis. Applicants will normally be interviewed. The interview will be conducted in English and applicants should pass the interview.
- **AND** English language proficiency requirement: HKCEE Grade C; or HKALE Grade E; or HKDSE Grade 4; or IELTS 6.0 with no skills below 5.5 or equivalent.

## Application Method & Course Fee

This course consists of 17 modules including 1 double module, being run with 2 modules per semester, and the total tuition fee is HK\$208,000 (non refundable):

For full-time study (total 12 instalments): The 1st - 8th instalments are HK\$17,000, the 9th installment is HK\$27,000 and the 10th - 12th instalments are HK\$15,000 respectively, spread over 3 years.

For part-time study (total 14 instalments): The 1st - 8th instalments are HK\$17,000, the 9th installment is HK\$22,000 and the 10th - 14th instalments are HK\$10,000 respectively., spread over 3.5 years.

The application fee is HK\$200 (non-refundable). For updated information of tuition fee, please refer to AIBE official website.



Website : [www.aibe-edu.org](http://www.aibe-edu.org)

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Address : 3/F Oxford Commercial Building, 494-496 Nathan Road, Kowloon

## Enquiries

\*It is a matter of discretion for individual employers to recognize any qualification to which this course may lead.