



LEEDS
BECKETT
UNIVERSITY
United Kingdom



Asian Institute of
Built Environment
亞洲建築環境學院



BENG (HONS) BUILDING SERVICES ENGINEERING

(Reg. No.:252742(3))

in association with
Leeds Beckett University, UK

INTRODUCTION

The BEng (Hons) Building Services Engineering is 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.

This programme 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 RECOGNITION

- The course is accredited by Chartered Institution of Building Services Engineers (CIBSE)
- Internationally recognized degree awarded by Leeds Beckett University in UK.
- Postgraduate Study - MSc Building Services Engineering can be articulated.



BENG (HONS) BUILDING SERVICES ENGINEERING

COURSE STRUCTURE

Each module is worth 20 credit points except Dissertation (double module, 40 credits). The whole course comprises 360 credits. Each 20 credit points module spans over a semester. There are three semesters per year.



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

DURATION AND MODE OF STUDY

2.5 years – 3.5 years, part-time

(Recognition of Prior Learning is applicable, 2.5 years part-time degree for applicants who are qualified for direct entry to year 2)

ENTRY REQUIREMENTS

- 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: HKDSE Level 4; or HKALE Grade E; or IELTS 6.0 with no skills below 5.5 or equivalent; or applicants whose first language is not English with post-secondary qualifications wholly taught and assessed in English will be considered and accepted.

APPLICATION & COURSE FEE

Application method, course fee and course discount is available at :
<https://www.aibe-edu.org/>

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



(852) 2376 1933 /
(852) 5508 5538 (WhatsApp)



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