



## Professional Recognition

The Hong Kong Institution of Engineers (HKIE) has granted interim accreditation to the programme. Academic programmes accredited by HKIE for the Building Services Discipline are recognized by the UK's Chartered Institution of Building Services Engineers (CIBSE) under the reciprocal recognition agreement.

## The Programme in Numbers

- ✓ 1st BSE undergraduate programme in Hong Kong;
- ✓ 2 Times CIBSE Happold Brilliant International Awardee on excellent education in building services engineering;
- ✓ 22nd in Architecture and Built Environment, QS World University Ranking by Subject 2020;
- ✓ 182 Internship partners to provide summer trainings; and
- ✓ 100% Employment rate for both local and non-local graduates; and
- ✓ 3500+ BEng alumni to become the strongest industry network.



## Programme Information

### Dr. Horace Mui

Associate Head of Department (Teaching)

Tel: (852)27665835

Email: horace.mui@polyu.edu.hk

### Dr. L.T. Wong

Programme Leader

Tel: (852)27667783

Email: ling-tim.wong@polyu.edu.hk

Additional information on the programme can be obtained from:

### Ms. Persia Lai

Deputy Admission Officer

Tel: (852)27665851

Fax: (852)27657198

Email: persia.lai@polyu.edu.hk



[www.bse.polyu.edu.hk](http://www.bse.polyu.edu.hk)



THE HONG KONG  
POLYTECHNIC UNIVERSITY  
香港理工大學

Department of  
**Building Services Engineering**

屋宇設備工程學系

**Bachelor of Engineering (Honours)**

in Building Services Engineering



- ✓ Full-time Four-year
- ✓ (JUPAS Code: JS3753/Programme Code:33477)
- ✓ Government-funded Programme

Department of Building Services Engineering  
屋宇設備工程學系



# Bachelor of Engineering (Honours) Building Services Engineering

Welcome to the Department of Building Services Engineering, a department which is conscious that the world is rapidly changing. Today's engineering graduates need to be flexible, adaptable and responsive to change. The priority for university education is to provide graduates with high-level personal skills. Fortunately, building services engineering is by nature a broad-based engineering discipline allowing for flexibility in career choice and excellent employment prospects. Emphasis on developing personal skills equip our graduates for a worthwhile and exciting career.

While studying BSE at the PolyU, you will learn the art and science of achieving sustainable buildings and providing safe, healthy and energy-efficient built environments that have minimal adverse environmental impacts. You will also face intellectual challenges, furthering your development towards a management role in the profession. You will have the opportunity to work in teams, lead projects, work independently and interact with highly qualified and professional staff. You will have access to a variety of design software and laboratory facilities.



**We Shape Tomorrow's Smart,  
Comfortable, Safe and Healthy Buildings**

## Programme Aims

- ✔ To produce graduates who are professionally and academically competent to work in building services engineering.
- ✔ To meet the demand for locally-trained professional and innovative building services engineers in consultancy, contracting, building management, research and development.
- ✔ To ensure our graduates have a broad range of personal skills such as good communication, the ability to think critically and the capability to be independent learners.

## Programme Structure

- ✔ You will begin by learning the fundamentals of indoor environments, architecture and buildings, thermal and electrical fundamentals, and mathematics.
- ✔ In year three you will apply your foundation knowledge in the design of major building services engineering systems.
- ✔ In the final year you will undertake a major project.
- ✔ In summer break you can gain work experience with our internship partners.
- ✔ The normal duration of study is 4 years full-time.
- ✔ Credits required for graduation is 121+ Training credits.

## Career Prospects

- ✔ BEng (Hons) graduates can expect good career prospects in the building construction and real estate sectors, especially as high performance and smart buildings are in high demand in Hong Kong.
- ✔ New building construction and a concentration of sophisticated buildings in Hong Kong provide numerous and attractive employment opportunities. As the programme is widely recognized, these opportunities also extend to the Chinese mainland and overseas.
- ✔ Our graduates commonly begin their careers as trainee engineers in government departments, consulting firms, contracting companies, property management companies or utility companies.

## Who Should Apply?

Students who love physics, mathematics and design technology and keen to develop a career in Managing & Design of Building

## Entrance Requirements

### Hong Kong sub-degrees ✔

Holders of Higher Diploma or Associate Degree in Engineering or Equivalent from a recognized community college in Hong Kong can apply through the Direct Admissions Scheme for Senior Year Places.

### Overseas or other qualifications ✔

Applicants can apply through the International Admissions Scheme / Non-JUPAS Admissions Scheme on the strength of qualifications other than HKDSE or mainland China's National Joint College Entrance Examination (NJCEE/Gao Kao), regardless of whether you are studying in Hong Kong or overseas.

### For Entry with HKDSE qualifications ✔

Applicants must satisfy the General Minimum Entrance Requirements of the University. The minimum entrance requirements for the BEng (Hons) in Building Services Engineering Programme are:

- ✔ Level 3 in English Language and Chinese Language, and Level 2 in Mathematics and Liberal Studies, plus two other elective subjects at Level 3.
- ✔ Specific subject requirement: preferably Physics/ Combined Science (with Physics component).
- ✔ Relevant applied learning subjects can be considered for meeting the University entrance requirements: Building Facilities Engineering; and Environmental Engineering.

