



## The Department in Numbers

- ✓ 1st BSE Academic Department in Hong Kong, established in 1981;
- ✓ 2 Times CIBSE Happold Brilliant International Awardee on excellent education in building services engineering;
- ✓ 7 Programmes to match your interests;
- ✓ 22nd in Architecture and Built Environment, QS World University Ranking by Subject 2020;
- ✓ 72 Full-time academics and researchers to build up the largest and strongest academic unit in Building Services Engineering worldwide;
- ✓ 182 Internship partners to provide summer trainings; and
- ✓ 5700+ Alumni to become the strongest industry network.



## Programme Information

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THE HONG KONG  
POLYTECHNIC UNIVERSITY  
香港理工大學



Department of  
**Building Services Engineering**

屋宇設備工程學系

**Higher Diploma**

in Building Services Engineering



✓ **Full-time Two-year**

✓ **(JUPAS Code: JS3026/Programme Code:33375)**

✓ **Government-funded Programme**

A credit-based programme with a system approach to Environmental Engineering and Building Services systems

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



# Higher Diploma in Building Services Engineering

This two-year full-time government-funded programme is a leading BSE sub-degree higher diploma (HD) programme offered in Hong Kong.

The HD programme provides a broad-based higher technical education. Students will gain knowledge of most of the engineering systems within a building: air-conditioning, electrical systems, fire protection systems, plumbing and drainage systems. Students will develop understanding of building environmental performance. The award is fully recognized by the industry, local and overseas universities.

The HD programme is designed to allow students to gain knowledge through continual study as well as to gain experience through practical application. Students share a broad based knowledge (mechanical and electrical services) while they are able to concentrate on a particular specialism.



## Programme Structure

The programme also provides students with a 'ladder of opportunity' which allows for academic and professional development in a dynamic and flexible way. Students may opt to:

- ✓ Go into employment after 2 years with a HD award, or
- ✓ Move on to a BSE and relevant engineering degree programmes
- ✓ Outstanding graduates will be considered for admission to Year 3 of our 4-year BSE degree programme, subject to an admission quota.

## General Entrance Requirements

- ✓ For entry with HKDSE Qualifications: Level 2 in English Language, Chinese Language, and three other subjects.
- ✓ Elective subject: preferably Physics or Combined Science (with Physics component).
- ✓ Other additional requirement: preferably with Level 2 in Extended modules of Mathematics.
- ✓ An Applied Learning (ApL) subject - Building Facilities Engineering and Environmental Engineering will be recognized as an elective subject and the recognition requirements are as follows:
  - "Attained with Distinction" will be considered equivalent to Level 3 of a HKDSE subject; and
  - "Attained" will be considered equivalent to Level 2 of a HKDSE subject.
- ✓ Alternative Chinese will be accepted as meeting the Chinese Language requirement students who fulfill the requirement for taking Alternative Chinese as announced by EDB.
- ✓ Other language subjects will be accepted as elective subjects. The minimum requirement is Grade E.
- ✓ Students not meeting the minimum requirement for elective subject will be given special consideration if they have attained Level 2 in one of the Mathematics extended modules.

## Career Development

Our HD graduates are equipped for related career and practice in the building services and construction industry. Students typically find employment with government, utility companies, building developers, building services consulting firms, building services contractors and facility management.

## Programme Aims

- ✓ To provide students with knowledge of system operation, design methodology and management studies needed for a building services technologist.
- ✓ To equip students with the necessary skills to develop careers in the building services industry.
- ✓ To provide opportunity for further study to degree or above level offered by the Department.
- ✓ To meet the Associate membership requirements of professional institutions such as the Hong Kong Institution of Engineers (HKIE).

