

BACHELOR OF SCIENCE (HONOURS) IN

# BUILDING ENGINEERING AND MANAGEMENT

## 建築工程及管理學(榮譽)理學士學位

(JUPAS CODE: JS3791)

**Mode of  
Study**

Full-time

**Normal  
Duration**

4 years

**Credit Required for  
Graduation**

121 (plus 2 training credits)

### Programme Highlights

The programme provides an excellent opportunity for students to pursue an education in the building engineering and construction management profession. Construction industry in Hong Kong and the Greater Bay Area requires graduates who possess highly specialised skills in technology, management and communication. Our well-trained graduates are in great demand as professional building engineers and construction managers who possess necessary expertise to plan, coordinate and manage the complex process of building projects. The programme emphasizes digitalisation and construction technology, preparing students to adapt to the industry's evolving needs.

### Secondary Major

The option of a Secondary Major in **Artificial Intelligence and Data Analytics (AIDA)** is available to the students of Award Major in BSc (Hons) in Building Engineering and Management. [With Secondary Major, Credits Required for Graduation: 144 (including 142 academic credits plus 2 training credits)]

### Professional Recognition



The Hong Kong Institution  
of Engineers (HKIE)



Hong Kong Institute of  
Construction Managers



The Chartered Institute of  
Building in the UK (CIOB)

### Prospects and Salary

Following appropriate training in industry, graduates will become building engineers and/or construction managers. The continuing growth of Hong Kong's building and infrastructure development offers ample opportunities for challenging and rewarding careers. Our graduates usually take up positions with construction companies or real estate development companies.

### Award Co-ordinator

Dr Hung-Lin CHI

BSc, MSc, PhD

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**Enquiries** | (852) 3400 3819

### NON-JUPAS

#### Local Senior Year Admissions

Programme Code: 32405-SYB

Normal Duration: 2 Years (Full-time)

#### Entrance Requirements:

An Associate Degree or a Higher Diploma in a relevant discipline. In addition to academic results, preference will be given to applicants with better English proficiency.



### Salary of Fresh Graduates in 2023:

Average Salary:  
HK\$27,928-

Maximum Salary:  
HK\$55,000-

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### Graduates' Sharing

#### Michele LUI Wing Chi

- 2020 CIOB Construction Manager Gold Winner of the Year
- 2020 CIC Outstanding Construction Manager Sustainability Award
- 2021 RICS Hong Kong Young Achiever of the Year
- 2022 HKSAR Chief Executive's Commendation
- 2023 Outstanding Alumni Award of PolyU (at both the Faculty and Department Levels)

I truly cherished my studies in the Department of Building and Real Estate (BRE), PolyU, which has deeply elevated my learning exposure and prepared me to pursue and advance my career in the industry. Our hands-on learning and contribution in voluntary renovation service to a special-needs primary school under the guidance of PolyU Industrial Centre's lecturers has led our team to receive the award of Certificate of Excellence in PolyU. Under the Mentorship programme, I was paired with a master from the field as my mentor to deepen my understanding of the construction field and work environment. After graduation, I joined Hip Hing Construction Group as Management Trainee and was promoted to be Project Manager. I participated in significant projects, such as Xiqu Centre and MiC (Modular Integrated Construction) projects. I was honoured by Construction Industry Council as the MiC Champion 2022 for my project expertise. PolyU and BRE have provided a solid foundation and played a crucial role in shaping my professional pathway.



#### Steven WONG Ming Chun



I started my career as a project management trainee in Hip Hing Construction Group, one of the leading contractors in Hong Kong. I am grateful for the all-round training and eye-opening exposure in my study in BRE. It offered me solid technical knowledge and more importantly, I developed the 'engineering' mind-set that is crucial to a professional in the competitive construction industry. On top of the comprehensive courses, a large number of opportunities were provided for my personal growth, for example, study tour, exchange programme, internship, mentorship and industrial conferences. I participated in a one-semester exchange programme in Loughborough University, the UK. This remarkable experience has widened my horizons and further enabled me to be competent in the challenging work environment. 'Building Engineering' is a challenging profession. I do believe choosing BRE for a comprehensive study will be a great start if you share the same passion with us to build a better home.