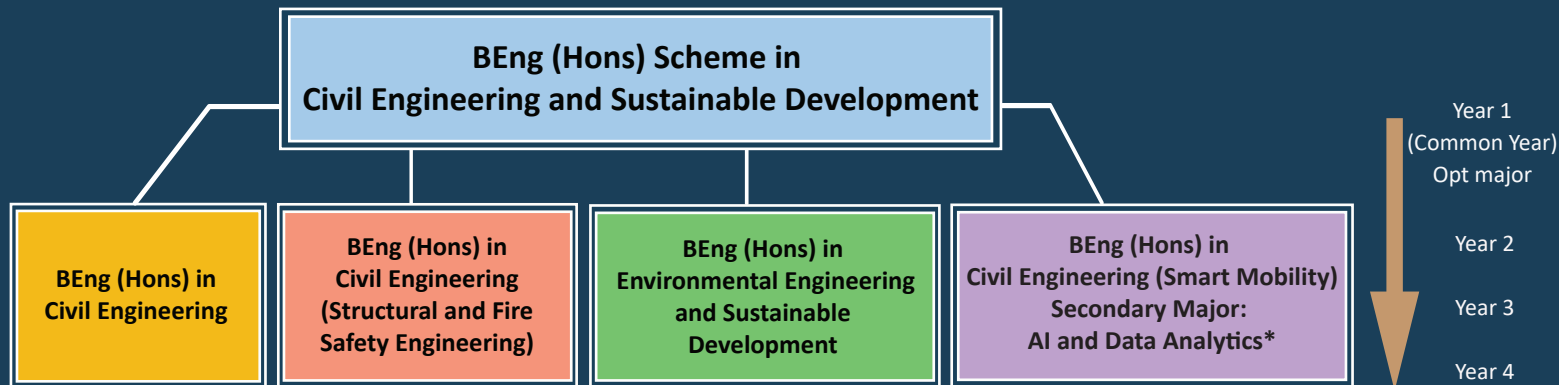




BEng (Hons) Scheme in Civil Engineering and Sustainable Development

JUPAS Code: JS3120

This brand new BEng (Hons) Scheme in Civil Engineering and Sustainable Development is designed to provide students with a high-quality interdisciplinary education in the areas of civil engineering, structural and fire safety engineering, and environmental engineering. Students have a unique opportunity to study a common curriculum for the first year so that they know how to select their major (out of four programmes) at the end of Year 1. The programmes will bring interesting and practical learning experiences to students, and offer them a range of highly in-demand skills for career development. Graduates are eligible to join Scheme A training of The Hong Kong Institution of Engineers in the Civil, Structural, Geotechnical, Fire, Environmental and Logistics & Transportation Engineering disciplines.



*For admission details, please refer to <https://www51.polyu.edu.hk/eProspectus/ug/jupas/2022/js3120#Secondary-Major-Details>.

Minimum Entrance Requirements

HKDSE Qualification

General Entrance Requirements (332233):

Level 3: English Language and Chinese Language

Level 2: Mathematics and Liberal Studies

Level 3: Any two elective subjects

Preferred elective subjects with the highest weighting:

- Mathematics (Extended part - Calculus and Statistics) or Mathematics (Extended part - Algebra and Calculus)
- Biology
- Chemistry
- Physics
- Combined Science: Biology + Chemistry
- Combined Science: Biology + Physics
- Combined Science: Physics + Chemistry
- Economics
- Geography
- Integrated Science

- Applied Learning Subjects:
- Building Facilities Engineering
 - Environmental Engineering

Notes:

There is no compulsory subject requirement. The admission score will be calculated based on “**Any Best 5 Subjects**” mechanism (after subject weightings have been applied). For more details, please visit the website of Academic Registry.

Applicants who have not taken the preferred subjects will still be considered for admission but they may need to take relevant underpinning subjects in order to gain the foundation knowledge.

Attractive Features

- Four-year (1 common year + 3 years of your selected major) full-time comprehensive programme.
- Opportunities to join exchange programmes for 1-2 semesters at universities with international reputations.
- Practical training modules in the technologically advanced Industrial Centre of the University.
- Summer placements in Hong Kong, Mainland China or overseas.
- Scholarships are available for students demonstrating excellent academic performance.

Professional Recognition

The Hong Kong Institution of Engineers (HKIE) is the only statutory professional engineering body in Hong Kong. Graduates are expected to be qualified for Corporate Membership of HKIE after appropriate trainings and are eligible to join Scheme A training of HKIE in respective disciplines.

HKIE Disciplines	BEng (Hons) in Civil Engineering	BEng (Hons) in Civil Engineering (Structural and Fire Safety Engineering)	BEng (Hons) in Environmental Engineering and Sustainable Development	BEng (Hons) in Civil Engineering (Smart Mobility) Secondary Major: AI and Data Analytics
Civil	✓	✓ [^]		✓ [^]
Environmental	✓		✓	
Logistics & Transportation	✓ [*]		✓ [*]	✓ [^]
Structural	✓	✓ [^]		✓ [^]
Geotechnical	✓			✓ [^]
Fire		✓ [^]		

*For details, please refer to the curriculum

[^]Potential accreditation pending assessment by HKIE

Career Prospects

Our graduates are well-prepared for employment as engineers and can expect to receive rewarding salaries in both public and private sector employment in governmental agencies or as engineering consultants and contractors.

Our Social Media Channels



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Photo Credit

Airport Authority Hong Kong