

BEng (Hons) in Structural and Fire Safety Engineering (Full-time)

JUPAS Code: JS3777



This programme, which responds to the increasing demand for both structural and fire safety engineering professionals in Hong Kong and in many well-developed cities in the world, arises from the **Fire Service (Amendment) Ordinance 2017** and the **aging building stocks** in Hong Kong. It is the **first of its kind** offered by local universities.

The programme aims to **educate students as competent engineers** who are able to **design, maintain and retrofit** both new and existing buildings and structures with technical knowledge of structural engineering, civil engineering, as well as both active and passive fire protection technologies.

Attractive Features

- Four-year full-time **comprehensive programme**.
- A **unique undergraduate programme** which combines the essential elements of structural engineering, civil engineering, and fire safety engineering.
- Opportunity to join **exchange programmes** for 1-2 semesters at internationally famed universities.
- **Practical training** modules in the technologically advanced Industrial Centre of the University.
- **Summer placement** in Hong Kong, Mainland China or overseas.

Entry Scholarship

To accord recognition to outstanding HKDSE students, a one-off entry scholarship will be granted to admittee(s) with the following HKDSE results. For details, please [click here](#) or scan the QR code.

Amount	Criteria (Any Best 5 Subjects)
HK\$50,000	HKDSE Scores of 25 or above
HK\$25,000	HKDSE Scores of 22 to 24



What is Structural Engineering?

Structural Engineering is about the **planning, design, construction, maintenance, and rehabilitation** of a great variety of structures including buildings, bridges, tunnels, underground structures, stadiums, space frames, and so on. It aims to ensure safety, function, durability and cost-effectiveness of these structures. Structural engineers represent a **creative profession** that **makes significant** real-world contributions to our society.