



香港科技大學
THE HONG KONG UNIVERSITY OF
SCIENCE AND TECHNOLOGY

Department of Civil and Environmental Engineering 土木及環境工程學系

Civil and Environmental Engineering **CIEV** 4 YEAR PROGRAM

The Program

Environmental quality is a major public concern all over the world. With the rapid economic development in Hong Kong, more and more resources are being committed to improving and managing our environment. Thus, there will be a great need for properly trained environmental engineers.

The Civil & Environmental Engineering program provides broad engineering training with an emphasis on the areas of water and wastewater engineering, solid and hazardous waste management, and air/noise pollution control.

Entrance Requirements to School of Engineering

JUPAS applicants

- Level 2 or above in Liberal Studies
- Level 3 or above in English Language, Chinese Language, Mathematics (Compulsory Module), and either 2 electives⁺ or 1 elective⁺ plus M1* / M2**

⁺ One elective must be Biology/ Chemistry/ Physics/ Combined Science/ ICT

* M1: Mathematics Extended Module 1 (Calculus & Statistics)

** M2: Mathematics Extended Module 2 (Algebra & Calculus)

Direct-entry applicants

- Holders of an associate degree or a higher diploma from a relevant discipline; or
- Local international high school graduates; or
- International or mainland students holding equivalent admission requirements.

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Curriculum

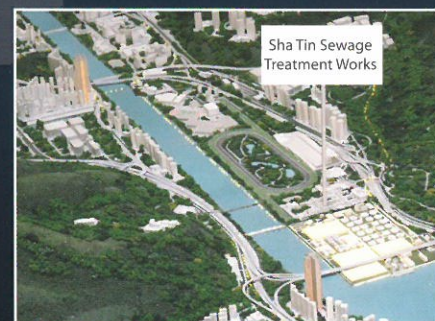
Required courses in civil engineering

Optional elective courses in the following areas

- Environmental control
- Aquatic chemistry
- Water and wastewater treatment and engineering
- Solid and hazardous waste management
- Air quality modeling and control

Optional minor programs

- Aeronautical engineering
- Bioengineering
- Engineering management and law
- Environmental sustainability and management
- Information technology
- Technology management
- Maths, science, business, humanities or social science



Professional Recognition

The BEng in Civil and Environmental Engineering program offered by the Department of Civil and Environmental Engineering at HKUST is accredited by the Hong Kong Institution of Engineers (HKIE). Graduates are eligible to apply for Graduate Membership in the HKIE.

Career Prospects

Graduates of the BEng in Civil and Environmental Engineering program have excellent opportunities to work in a wide range of areas. These include government departments such as EPD/WSD/DSD, and various local/international environmental engineering companies. Graduates may also work as technical and sales representatives for environmental businesses.



Websites

Department of Civil and Environmental Engineering

<http://www.ce.ust.hk>

HKUST Admissions Office

<http://join.ust.hk/index.html>

Enquiries

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