


# BEng in Civil and Environmental Engineering

4 YEAR PROGRAM



The BEng in Civil and Environmental Engineering provides broad engineering training with an emphasis on the areas of drinking water and wastewater treatment, waste-to-energy/resources technologies, carbon emissions and decarbonization strategies, green and renewable energy, and hazardous waste management. As environmental health and global sustainability is a major public concern all over the world, exacerbated in Hong Kong and Asia by their particularly rapid economic development, more and more resources are required to protect and manage our environment for attaining the Sustainable Development Goals (SDGs). Thus, properly trained environmental engineers will be in increasing demand in the years to come.



## Admission Requirements

### JUPAS Applicants

JUPAS code: JS5230  
Department of Civil and Environmental Engineering

- Level 3 or above in English Language, Chinese Language, Mathematics (Compulsory) and either 2 electives\* or 1 elective\* plus M1/ M2
- Attained Citizenship & Social Development


*\*One elective must be: Biology / Chemistry / Physics / Information and Communication Technology*

### Non-JUPAS / Direct-entry Applicants

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

*For more information about application requirements and procedures, please visit <https://join.hkust.edu.hk/admissions>.*

## Enquiries

 (852) 2358-7154

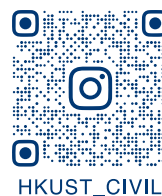
 (852) 2358-1534

 [civilweb@ust.hk](mailto:civilweb@ust.hk)

## Websites

Department of Civil and Environmental Engineering ► <http://ce.hkust.edu.hk>

HKUST Admissions Office ► <http://join.hkust.edu.hk>



HKUST\_CIVIL



CIVIL\_HKUST



## Curriculum

We offer students a well-balanced curriculum that integrates traditional civil engineering fundamentals with cutting-edge, interdisciplinary training. Apart from core civil engineering courses in construction management, geotechnical engineering, structural engineering, transportation engineering, hydraulics engineering and environmental engineering, students will also be able to gain invaluable hands-on experience and develop essential professional skills through industrial training, internship and final year project.

Recognizing the growing importance of emerging technologies, we also offer specialized Minor Program in Smart City and Extended Major in AI. These programs expose students to the latest advancements in areas like AI, big data, and digital automation, equipping them to integrate these transformative tools into the design, construction, and operation of resilient, sustainable infrastructure.

## QS World University Rankings by Subject 2024

**Civil & Structural Engineering  
(HKUST)**

**27<sup>th</sup> Globally**

**Engineering & Technology  
(HKUST)**

**52<sup>nd</sup> Globally  
1<sup>st</sup> in Hong Kong**

## Professional Recognition

The BEng in Civil and Environmental Engineering program at HKUST is accredited by the Hong Kong Institution of Engineers (HKIE). Graduates are eligible to apply for Graduate Membership in the HKIE through its Scheme “A” Graduate Training program to become a professional engineer.

## Career Prospects

We provide our students with unparalleled career development opportunities to prepare them for success in the professional world. Graduates of the BEng in Civil and Environmental Engineering program will have opportunities to excel in a diverse range of fields. They can pursue careers in government departments, such as the Environmental Protection Department and the Drainage Services Department, or work in various local and international environmental engineering firms in technical, business, or management roles.

Let's hear from our students

