

Year **3** EntrySelf-financed
ST125102

Bachelor of
Engineering (Honours)
in Environmental
Engineering and
Management

環境工程及管理
(榮譽) 工學士

PROGRAMME HIGHLIGHTS

- Develops in response to growing demands of environmental engineers for infrastructure development and industrial activities in Hong Kong and Greater Bay Area;
- Equips students with the professional knowledge and analytical skills to pursue careers as practising environmental engineers; and
- Offers multi-disciplinary perspectives on various environmental pollution (air, water, waste and noise) and sustainability issues (sustainable energy, green building and BIM technology).



Industry Endorsement

"Swire Waste Management Limited collaborates with THEi by offering summer internships and job opportunities to EEM programme students. Knowledge obtained by students apply directly in an actual setting, hence optimising the efficiency of the company immediately. This programme offered by THEi is well recognised, and the well-trained students will offer the necessary manpower required in the ever-growing environmental engineering industry."

Ir Norman CHENG

General Manager
Swire Waste Management Limited



Graduate Endorsement

"I joined Dragages Hong Kong Limited after graduation from THEi. With a track record of successful landmark projects across Hong Kong, Dragages is recognised as a pioneer in construction industry. The knowledge gained in class and skills acquired through internships have prepared me better for an engineering career. I am delighted to participate the mega infrastructure project of Liantang - Heung Yuen Wai Boundary Control Point. Behind me is a Tunnel Boring Machine for safe and efficient construction of tunnel."

TAM Chun Hei

2017 Graduate

Core Courses

- Air Pollution & Noise Control
- Water & Wastewater Engineering
- Integrated Solid Waste Management
- Sustainable Energy Systems
- Environmental Risk Analysis
- Environmental Impact Assessment
- Environmental Management of Construction Site
- Design of Environmental & Sustainable Facilities
- Water Resources Engineering
- Construction & Project Management

Career Prospects

Graduates may pursue in the following careers:

- Environmental Engineers
- Environmental Consultants
- Environmental Officers
- Environmental Researchers
- Green Building Consultants
- Sustainability Consultants
- Energy Consultants
- Environmental Policy Advocates

Professional Recognition

This Programme is accredited by the Hong Kong Institution of Engineers (HKIE).

Supporting Industrial Partners

(In alphabetical order)

- Acumen Environmental Engineering & Technologies Company Limited
- AECOM Asia Company Limited
- ATAL Engineering Group
- Build King Holdings Limited
- Chun Wo Construction Holdings Company Limited
- Cinotech Consultants Limited
- Gammon Construction Limited
- Hilti (Hong Kong) Limited
- Swire Waste Management Limited
- Yau Lee Holdings Limited

Work-integrated Learning

Work-integrated Learning (WIL) modules are directed industry attachments that provide powerful learning experiences by integrating theoretical learning with its application in the workplace. Students are required to complete 480 hours of Work-integrated Learning to be eligible for the award of Bachelor of Engineering (Honours) in Environmental Engineering and Management.