



THE HONG KONG  
POLYTECHNIC UNIVERSITY  
香港理工大學



DEPARTMENT OF  
CIVIL AND ENVIRONMENTAL ENGINEERING  
土木及環境工程學系



# MSc in Environmental Management and Engineering

## Why PolyU CEE?

### Highlight of CEE Faculty



Member of the  
Chinese Academy of Sciences



Chang Jiang Scholars

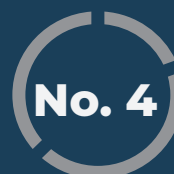
### International Recognition



Best Universities for  
Civil Engineering  
U.S. News & World Report  
Best Global Universities  
Rankings 2022



Civil and Structural  
Engineering  
QS World University  
Rankings  
by Subject 2022



Transportation Science  
& Technology  
ShanghaiRanking's  
Global Ranking of  
Academic Subjects 2021



Civil Engineering  
ShanghaiRanking's  
Global Ranking of  
Academic Subjects 2021

## Programme Aims

The programme aims to provide EITHER (1) studies of a conversion nature for those graduates without formal environmental qualifications who are working or would like to work in the environmental protection field OR (2) studies of an in-depth nature for those graduates who already have a Bachelor's qualification in environmental science or engineering.

The programme provides students with engineering and management knowledge to tackle environmental engineering problems in the field of construction, industrial and infrastructure development, and to embrace sustainable development and the requisite international standards for environmental and energy conservation.

## Study Pattern

A wide range of Core Subjects is available for students' selection within the programme. In general, each subject requires 3 hours of attendance per week over a 13-week semester. Students may choose either one of the following study patterns.

- 10 subjects (at least 7 core subjects and at most 3 elective subjects) or
- 7 subjects (at least 4 core subjects and at most 3 elective subjects) plus Dissertation

Part-time students are strongly advised not to take more than 3 subjects per semester due to the heavy study load.

## Admission Scholarship

Full tuition fee waiver and half tuition waiver are available. The general criteria are listed below:

- Reputation of candidates' previous undergraduate institution
- Academic performance
- International experience
- Achievements in other areas

Priority will be given to graduates of the Faculty of Construction and Environment (FCE) of PolyU in recent 3 years with outstanding academic performance. The amount of each scholarship shall be determined by the Department Scholarship Committee. No application is required. Awardees will be informed of the results individually.

## Programme Outline

- Medium of instruction: English
- Normal duration: 1 year (Full-time); 2.5 years (Part-time)
- Credits required for graduation: 30 credits

## Core Areas of Study

- Air Pollution Control
- Contaminated Land and Sediment Remediation
- Drainage Design
- Environmental Impact Assessment
- Environmental Management Systems & Audit
- Global Climate Change and Society Response
- Indoor Air Quality Management
- Noise Pollution Control
- Risk Assessment & Management
- Solid & Hazardous Waste Management
- Sustainable Development & Environmental Planning
- Urban Transport Planning – Theory and Practice\*
- Water & Wastewater Treatment
- Water & Wastewater Treatment Plant Design
- Dissertation (9 credits)

\*This course has been included in the list of reimbursable courses under the Continuing Education Fund.

For details, please visit  
<https://www.polyu.edu.hk/cee/prospective-students/taught-postgraduate-programmes/msc-in-environmental-management-and-engineering/>.

## Entrance Requirements

- A Bachelor's degree with Honours in environmental engineering, civil engineering, chemical engineering, building services engineering, mechanical engineering, applied sciences, or an equivalent qualification.
- Applicants must also meet the English language requirement of the University. Please visit <https://www51.polyu.edu.hk/eProspectus/tpg/admissions-requirements> for details.

## Application

### Application Procedures

Prospective applicants can submit online applications at  
<https://www38.polyu.edu.hk/eAdmission/index.do>.

### Tuition Fee

HK\$5,500 per credit for local and non-local students

## Further Information

### Programme Leader

Prof. Daniel C.W. Tsang  
Email: [dan.tsang@polyu.edu.hk](mailto:dan.tsang@polyu.edu.hk)

### General Office

Ms. Grace Lam  
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Programme Information



Entrance Requirements



Application



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g cee.polyu



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