

## **Master of Science (MSc) Program in Environmental Health and Safety**

### **Program Director:**

Wen-Xiong WANG, Professor of Life Science

The Master of Science (MSc) program in Environmental Health and Safety is a multidisciplinary program designed to provide springboard training to the current and future environmental professionals. Over the past decades, there have been increasingly concerns on the impacts of anthropogenic activity on the safety and health of our living environment. Graduates from this MSc program can advance their careers in various sectors within the government, business and industries in Hong Kong and China.

Different from the currently available MSc programs in tertiary institutions in Hong Kong which mainly focus on environmental management and technology, the MSc program in Environmental Health and Safety mainly addresses the health and safety aspects of the environments, especially from the biological and health perspectives. Students will view environmental health as an integrated approach to health protection and improvement. The study will include the technical, legal and social issues that underpin environmental health practice, hazards and risk assessment, occupational health and safety, living environment and food safety.

### ***Admission Requirements***

Applicants should normally possess a strong bachelor's degree in Life Science, Chemistry, Environmental Science, or a related area with second-class honors or higher from a recognized institution. They should have a proven record of good academic performance, be proficient in English and must demonstrate strong interest in environmental health and safety issues. Admission to the program is based on the recommendation by the Committee on MSc Program in Environmental Health and Safety.

### ***Program Duration***

The normal period for completing the program is 12 months in full-time mode.

### ***Program Fee***

The program fee for 30 credits is HK\$100,000. Students who take course(s) beyond 30 credits to fulfill the graduation requirements are required to pay HK\$3,300 per credit.

### ***Curriculum***

Students are required to complete at least 30 credits of coursework, with at least 18 credits of foundation courses.

a) Foundation courses (18 credits)

ENVS	5111	Environmental Health and Safety
ENVS	5112	Environmental Hazards Identification
ENVS	5113	Marine Ecotoxicology
ENVS	5114	Environmental Diseases and Microbiology
ENVS	5115	Food Safety Control
ENVS	5116	Case Studies in Environmental Risk Assessment
ENVS	5117	Pharmacology, Toxicology and Health

b) Elective courses (12 credits)

ENVS	5118	Conservation and Sustainable Development
ENVS	5119	Pollution Monitoring and Control
ENVS	6111	Environmental Health Research Project
EVSM	5220	Advanced Environmental Chemistry
EVSM	5230	Environmental Health and Management
EVSM	5270	Environmental Law
JEVE	5320	Water Quality and Assessment
JEVE	5420	Biological Waste Treatment and Management

***Graduation Requirements***

To graduate from the program, a student must complete the program with a graduation grade average (GGA) of 2.850 or above as required of all postgraduate students at the University. Students failing to meet the GGA requirement are required to repeat or take additional course(s) even if they attain passing grades for all courses.