

Graduate Diploma (GD) and Master of Science (MSc) Programs in Environmental Science and Management

Program Director:

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The Graduate Diploma (GD) and Master of Science (MSc) programs in Environmental Science and Management are unique programs that provide professional training for graduates to prepare themselves to tackle the rapidly developing environmental issues in Hong Kong and the surrounding region. This multi-disciplinary program is unique because in addition to taking advanced environmental science and management courses, students will also have the opportunity to take up to three engineering electives to help broaden their environmental capabilities. The program will strengthen the students' undergraduate background in important environmental concepts and enhance their ability to apply these environmental concepts to local, regional and global environmental problems. The GD program will provide flexibility to students who are unable to commit the time and financial resources required by the MSc program.

Admission Requirements

Applicants must possess a bachelor's degree with second class honors or higher, or an equivalent qualification.

Program Fees

The nominal program fees for the GD and MSc programs are HK\$45,000 (15 credits) and HK\$90,000 (30 credits), respectively. Any additional credits are not covered by the fees described above. New students admitted with credit transfer are also required to pay the full program fee.

Curriculum

MSc Degree

MSc students are required to complete 30 credits of coursework following one of the combinations of course credits below:

	<i>Foundation course credits*</i>	<i>Elective course credits</i>	<i>Project course credits</i>
Coursework only	12	18	-
Coursework plus project	12	12 or 15	3 or 6

* *Surplus foundation course credits will be counted toward the elective requirement.*

Students are required to take a minimum of three Environmental Science courses and three Environmental Management courses. At least one Environmental Science course and one Environmental Management course must be chosen from the Foundation Course List. The remaining two Environmental Science and two Environmental Management courses can be from either the Foundation Course List or

Elective Course List.

Graduate Diploma

GD students are required to complete 15 credits of coursework, with 6 credits of foundation courses and 9 credits of elective courses. They cannot take the project course EVSM 6950. Surplus foundation course credits will be counted toward the elective requirement.

Students are required to take a minimum of two Environmental Science courses and two Environmental Management courses. At least one Environmental Science course and one Environmental Management course must be chosen from the Foundation Course List. The remaining Environmental Science and Environmental Management courses can be from either the Foundation Course List or Elective Course List.

Foundation Course List

Environmental Management courses:

ENVR	5260	Environmental Policy and Management
EVSM	5230	Environmental Health and Management
EVSM	6070	Environmental Impact Assessment

Environmental Science courses:

ENVR	5210	Environmental Microbiology
EVSM	5220	Advanced Environmental Chemistry
EVSM	5240	GIS for Environmental Professionals

Elective Course List

Environmental Management courses:

ENVR	5250	Environmental Economics and Management
EVSM	5270	Environmental Law
SOSC	5620	Sustainable Development

Environmental Science courses:

LIFS	5300	Conservation Biology
LIFS	5320	Ecotoxicology
ENVR	6020	Special Topics in Atmospheric Environmental Science
ENVR	6030	Special Topics in Marine Environmental Science
ENVR	6050	Introduction to Oceanography
ENVR	6080	Dynamics of Marine Ecosystems
MATH	5360	Weather, Climate and Pollution

Others:

EVSM	6950	MSc Project
JEVE	5260	Air Pollution Meteorology
JEVE	5310	Measurement of Air Pollutants
JEVE	5320	Water Quality and Assessment

JEVE	5420	Biological Waste Treatment and Management
JEVE	5460	Design and Management of Physico/Chemical Processes of Environmental Engineering

Out-of-curriculum course – A maximum of two PG courses outside the above list of courses may be taken as elective(s) subject to the approval of the Program Director.

Credit Transfer

Upon the approval of the Program Director, a maximum of 9 credits can be transferred from other institutions to the MSc program, whereas a maximum of 6 credits can be transferred from other institutions to the GD program.

Program Transfer

Students admitted to the GD program may subsequently apply for transfer to the MSc program subject to the approval of the Program Director, and vice versa. Students must apply for the program transfer at least one regular term prior to the completion of the GD program.

Graduation Requirements

Students must complete the program with a graduation grade average (GGA) of 2.850 or above as required of all postgraduate students at the University.