

The distribution of lectures, laboratory and project hours in a 24-month schedule is as follows:

Hour Period	Lecture/ Tutorial	Seminar	Laboratory Sept-Aug	Dissertation
Year I				
1st Semester	48	4	120 (inclusive)	60
2nd Semester	54	4		
Summer				
Year II				
1st Semester	48	4	50	140#
2nd Semester	24	4		
Total	174	16	170*	200

* The number represents actual hours in the laboratory, students are expected to spend about an additional 50 per cent of the time in preparatory work and report writing.

Including summer

Requirements of the course are as follows:

Core Subjects	23 units
Analytical Process & Applied Statistics	2 units
Chemical Instrumentation	2 units
Separation Science	2 units
Analytical Spectroscopy	2 units
Laboratory Management	2 units
Selected Topics in Analytical Chemistry	2 units
Advanced Analytical Laboratory	4 units
Seminars	1 unit
Dissertation	6 units

Elective Subjects	2 units
<i>Any TWO of the following subjects:</i>	
Electroanalytical Chemistry	1 unit
Surface Analysis	1 unit
Thermal Analysis	1 unit
Environmental Analysis & Monitoring	1 unit
	25 units

Students who have satisfactorily completed all the above requirements and achieve a cumulative GPA of 2.50 or above will be awarded an MSc Degree in Analytical Chemistry. To be awarded Distinction for the course, students should attain a cumulative GPA of 3.7 or above, with no subject grade below B- and no repeated subjects. Students attaining a cumulative GPA between 3.40 and 3.69 will be awarded Merit. A terminal postgraduate

diploma may be awarded to those who have completed all the course work and attained a cumulative GPA of 2.50 or above with all subjects scoring grade C- or above (excluding Dissertation), but have not completed a satisfactory Dissertation within the normal study period for some reasons deemed acceptable by the Course Board.

4.16 Master of Science (MSc) in Environmental and Public Health Management

(One-year Full-time or Two-year Part-time)

Prof. WONG Ming Hung, Course Director, MSc in Environmental and Public Health Management

Aims

The major objective of the course is to incorporate management techniques into the technical aspects of environmental protection and effective maintenance of a healthy environment using an interdisciplinary approach. The course will focus on sustainable management, and environmental health and risk management. In addition to the conventional issues of environmental protection, the relationships among economics, regulation and policy, management techniques, health risk analysis, social and ethical value and environmental conservation will be explored in detail.

Admission Requirements

Applicants should possess:

- a Bachelor's degree from a recognized university or comparable institution in any discipline; or
- a qualification deemed to be equivalent.

Applicants such as higher diploma holders who do not possess a formal degree qualification, but have substantial documented relevant and working experience in environmental management (normally 5 years or above) may be considered. Applicants may be required to prove their language ability in English by means of interviews and/or written examination or, for those not available in Hong Kong, by means of performance on acceptable language indicators such as having a TOEFL

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score of at least 550 (paper-based) or 213 (computer-based), or the Member of Institute of Linguists (MIL) examinations.

Frequency of Intake

Twice a year, admission in September or January.

Structure of the Course

The ultimate aim of the course structure is to provide maximum flexibility in time management for students. Provision is made to facilitate students who may not wish to enroll in the full course due to special reasons. On the other hand, a 12-month full-time programme is also possible.

The course is to be offered on a part-time basis, normally, spanning two years. Extension of the study period of up to 4 years is possible. A student could also, initially, choose to enroll in individual subjects at the beginning and then apply for the units earned to be credited when he/she decides to enroll in the full MSc course. In this case, students must fulfill the complete subject requirements and earned the specified units for graduation. For those who only sit in for subjects without completing all the examinations, no units will be awarded. Furthermore, students may only hold-over units earned for a maximum of 5 years after which the subject must be repeated in order to gain a final degree.

Lectures are conducted in the evenings during weekdays, for all entire 12-week semester. The distribution or workload for each student is given below, basing on each credit indicates 12 hours of lecture or 42 hours of research projects (MSc Dissertation):

Study Duration: 2 years (Part-time)

	Lecture Hours (Units)	Project Hours (Units)	Total Hours
Year I 1st Semester	72 (6 units)		72
2nd Semester	72 (6 units)		72
Subtotal	144		144
Year II 1st Semester	36 (3 units)	126 (3 units)	162
2nd Semester	36 (3 units)	126 (3 units)	162
Subtotal	72	252	324
Overall Total	216	252	468

Study Duration: 1 year (Full-time)

	Lecture Hours (Units)	Project Hours (Units)	Total Hours
1st Semester	108 (9 units)	126 (3 units)	234
2nd Semester	108 (9 units)	126 (3 units)	234
Total	216	252	468

Requirements of the course are as follows:

Subjects 18 units

Student is required to choose SIX subjects (i.e. the completion of 18 units) from the following subjects:

Principles of Environmental Management	3 units
Sustainable Management Systems	3 units
Management of Public Health Risks	3 units
Environmental Economics & Policy	3 units
Land & Water Resources Management	3 units
Integrated Waste Management	3 units
Food Quality, Health & Safety Management	3 units
Project Management & Research Methodology	3 units

MSc Dissertation 6 units

24 units

Students have to complete 6 subjects (total 18 units) and MSc Dissertation (6 units), perform satisfactorily on the written examination and earn a cumulative GPA of at least 2.50 to qualify for the MSc Degree in Environmental and Public Health Management. To be awarded Distinction for the course, students should attain a cumulative GPA of 3.7 or above, with no subject grade below B- and no repeated subjects. Students attaining a cumulative GPA between 3.40 and 3.69 will be awarded Merit. Students are eligible for the Postgraduate Diploma if they have fulfilled all the requirements, with the exception of the MSc Dissertation.