

REGULATIONS FOR THE DEGREES OF MASTER OF SCIENCE (MSc) AND MASTER OF SCIENCE IN ENVIRONMENTAL MANAGEMENT (MSc[Env Man])

For students admitted in 2016-2017 and thereafter

(See also General Regulations and Regulations for Taught Postgraduate Curricula)

Any publication based on work approved for a higher degree should contain a reference to the effect that the work was submitted to the University of Hong Kong for the award of the degree.

The degree of Master of Science is a postgraduate degree awarded for the satisfactory completion of a prescribed course of study in one of the following three fields: Applied Geosciences, Food Industry: Management and Marketing and Food Safety and Toxicology.

The degree of Master of Science in Environmental Management is a postgraduate degree awarded for the satisfactory completion of a prescribed course of study in Environmental Management.

Admission requirements

Sc21

- (a) To be eligible for admission to the courses leading to the degree of Master of Science or Master of Science in Environmental Management, a candidate
 - (i) shall comply with the General Regulations and the Regulations for Taught Postgraduate Curricula;
 - (ii) shall hold a Bachelor's degree with honours of this University; or another qualification of equivalent standard of this University or another University or comparable institution accepted for this purpose; and
 - (iii) shall satisfy the examiners in a qualifying examination if required.
 - (b) A candidate who does not hold a Bachelor's degree with honours of this University or another qualification of equivalent standard may in exceptional circumstances be permitted to register if the candidate demonstrates adequate preparation for studies at this level and satisfies the examiners in a qualifying examination.
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Qualifying examination

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- (a) A qualifying examination may be set to test the candidate's academic ability to follow the course of study prescribed. It shall consist of one or more written papers or equivalent and may include a project proposal.
 - (b) A candidate who is required to satisfy the examiners in a qualifying examination shall not be permitted to register until he/she has satisfied the examiners in the examination.
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Award of degree

Sc23

- (a) To be eligible for the award of the degree of Master of Science or Master of Science in Environmental Management, a candidate
 - (i) shall comply with the General Regulations and the Regulations for Taught Postgraduate Curricula; and

- (ii) shall complete the curriculum and satisfy the examiners in accordance with these regulations and syllabuses.
- (b) A candidate (either full-time or part-time) who has not satisfied the examiners for the award of the degree of Master of Science in the field of Applied Geosciences but has satisfied the requirements for the award of Postgraduate Diploma in Earth Sciences (PGDES) may be allowed to exit with a PGDES, subject to the approval of the Faculty Board. Those who are allowed to take this exit path will not be re-admitted to the degree of Master of Science in the field of Applied Geosciences.

Transfer of candidature into the Master of Science in the field of Applied Geosciences

Sc24

- (a) Subject to the approval of the Faculty Board, a candidate who has registered for the PGDES may be allowed to transfer to read the Master of Science in the field of Applied Geosciences and advanced credits of up to 30 credits may be granted. Application for the transfer must be made prior to the BoE's recommendation for conferment of the PGDES, or before August 31 of the final year of PGDES, whichever is earlier.
- (b) A candidate who has transferred his/her candidature to the Master of Science in the field of Applied Geosciences will not be awarded the PGDES. If a candidate after transferring to the Master of Science in the field of Applied Geosciences fails to complete the Master of Science, he/she may be awarded the PGDES provided that he/she has satisfied the requirements of the PGDES.

Period of study

Sc25 The curriculum of the Master of Science or the Master of Science in Environmental Management shall normally extend over one academic year of full-time study or two academic years of part-time study. Candidates in either degree shall not be permitted to extend their studies beyond the maximum period of registration of two academic years of full-time study or three academic years of part-time study, unless the otherwise permitted or required by the Board of the Faculty.

Completion of curriculum

Sc26 To complete the curriculum of the Master of Science or Master of Science in Environmental Management, a candidate

- (a) shall satisfy the requirements prescribed in TPG 6 of the Regulations for Taught Postgraduate Curricula;
- (b) shall follow courses of instruction and complete satisfactorily all prescribed written, practical and field work;
- (c) shall complete and present a satisfactory dissertation or project on an approved subject or complete courses with equivalent credits as a replacement; and
- (d) shall satisfy the examiners in all courses prescribed in the respective syllabuses.

Dissertation or Project

Sc27 The title of the dissertation or project shall

- (a) for the full-time mode of Master of Science (except MSc in Environmental Management), be submitted for approval by October 15 and the dissertation or project report shall be

- submitted not later than August 15 in the subsequent year;
- (b) for the full-time curriculum of MSc in Environmental Management, be submitted by October 15 and the dissertation shall be submitted not later than the last Friday in June of the first year of study;
 - (c) for the part-time curriculum (except Master of Science in the field of Applied Geosciences and MSc in Environmental Management), be submitted for approval by March 15 of the first year of study and the dissertation or project report shall be submitted not later than July 1 of the second year of study;
 - (d) for the part-time curriculum of MSc in Environmental Management, be submitted by June 1 of the first academic year and the dissertation shall be submitted not later than the last Friday in May of the second year of study.

Sc 28 A candidate shall submit a statement that the dissertation or project represents his/her own work (or in the case of co-joint work, a statement countersigned by his/her worker, which shows his/her share of the work) undertaken after registration as a candidate for either degree.

Assessments

Sc29 The assessment in any course shall consist of elements prescribed by the course teachers, and will normally comprise either written coursework alone, or coursework combined with formal examinations; in either case participation in field work or practical work may form part of the assessment.

Sc30 A candidate who has failed to satisfy the examiners

- (a) at his/her first attempt in any course in the examination held during any of the academic years of study may be permitted to present himself/herself for re-examination in the course or courses at a specified subsequent examination, with or without repeating any part of the curriculum;
 - (b) at his/her first submission of dissertation or project report may be permitted to submit a new or revised dissertation or project report within a specified period;
 - (c) in any prescribed fieldwork or practical work may be permitted to present himself/herself for re-examination in fieldwork or practical work within a specified period.
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Sc31 Failure to take the examination as scheduled, normally results in automatic course failure. A candidate who is unable because of illness to be present at any examination of a course, may apply for permission to be present at some other time. Any such application shall be made on the form prescribed within two weeks of the examination.

Discontinuation

Sc32 A candidate who

- (a) has failed to satisfy the examiners in more than half the number of credits of courses during any of the academic years or in any course at a repeated attempt, or
 - (b) is not permitted or fails to submit a new or revised dissertation or project report, or
 - (c) has failed to satisfy the examiners in their dissertation or project report at a second attempt,
- may be recommended for discontinuation of studies.
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Assessment results

Sc33 On successful completion of the curriculum, candidates who have shown exceptional merit may be awarded a mark of distinction, and this mark shall be recorded in the candidates' degree diploma.

Grading systems

Sc34 Individual courses shall be graded according to one of the following grading systems as determined by the Board of Examiners:

- (a) Letter grades, their standard and the grade points for assessments as follows:

Grade	Standard	Grade Point
A+	Excellent	4.3
A		4.0
A-		3.7
B+	Good	3.3
B		3.0
B-		2.7
C+	Satisfactory	2.3
C		2.0
C-		1.7
D+	Pass	1.3
D		1.0
F	Fail	0

or

- *(b) 'Pass' or 'Fail'

Courses which are graded according to (b) above will not be included in the calculation of the GPA.

*Only applies to certain courses in MSc in the field of Applied Geosciences

**SYLLABUSES FOR THE DEGREE OF
MASTER OF SCIENCE IN ENVIRONMENTAL MANAGEMENT
*MSc(EnvMan)***

For students admitted in 2016-2017 and thereafter

A candidate shall follow and be examined in at least 60 credits of courses including core courses (42 credits) and elective courses (18 credits). For Part-time candidates, they will normally take 30 credits in their first year of study and 30 credits in their second year of study. A 3-credit course will normally consist of 18-24 hours of lectures, seminars, workshops and/or field trips.

A. COURSE STRUCTURE

The list of courses, and their contents set out thereafter, will be changed from time to time.

Programme Structure of the <u>Part-time</u> Mode (from 2016-2017 onwards):	
The list of courses and their contents may be changed from time to time.	
<u>Year 1:</u>	
Core courses (30 credits):	
ENVM7003	Introduction to ecology (3 credits)
ENVM7012	Environmental economics and analysis (3 credits)
ENVM7013	Sustainability, society and environmental management (3 credits)
ENVM7014	Environmental quality management (6 credits)
ENVM7015	Research methods and report writing in environmental management (6 credits)
ENVM7016	Environmental policy (3 credits)
ENVM7017	Environmental law in Hong Kong (3 credits)
Select one course from the following list:	
ENVM7018	Environmental field studies (3 credits) [<i>Capstone experience</i>]
ENVM7019	Intensive <u>residential</u> field studies (3 credits) [<i>Capstone experience</i>]
<u>Year 2:</u>	
Core Courses (12 credits):	
ENVM8004	Dissertation (9 credits) # [<i>Capstone experience</i>]
ENVM8006	Environmental impact assessment (3 credits)

Elective courses (select any, 18 credits): [Indicative only: courses' availability will vary from year to year]	
ENVM8003	Conservation biology and management (3 credits)
ENVM8010	Earth science and environmental management (3 credits)
ENVM8011	Environmental auditing and reporting (3 credits)
ENVM8012	Environmental health and risk assessment (3 credits) (May be taken in Year 1 summer semester)
ENVM8013	Air and noise pollution control and management (3 credits)
ENVM8014	Special topics in environmental management (3 credits)
ENVM8015	Directed studies in environmental management (6 credits)
ENVM8016	Conservation and management of freshwater ecosystems (3 credits)
ENVM8017	Conservation and management of marine resources (3 credits)
ENVM8018	Urban planning and environmental management (3 credits)
ENVM8019	Corporate sustainability (3 credits)
<p>Notes: <i>Alternative courses from all other taught Masters' programmes at HKU might be accepted at the discretion of the Programme Director. Part-time students must have submitted their dissertation titles and supervisor's names to the School of Biological Sciences by June 1. Part-time students are expected to commence work on their dissertation during the summer vacation between their first and second years of study.</i></p> <p><i>#Students are also required to attend a research colloquium at which presentations are made by students based on their dissertation project. The presentations will be assessed and this will contribute to the final grade awarded for the dissertation. Part-time students must submit their dissertation to the School of Biological Sciences on or before the last Friday in May in the second academic year of study. On the successful completion of the degree, a copy of the outstanding dissertation may be lodged in the University Library for public access.</i></p>	

Programme Structure of the <u>Full-time</u> Mode (from 2016-2017 onwards):	
The list of courses and their contents may be changed from time to time.	
Core Courses (42 credits):	
ENVM7003	Introduction to ecology (3 credits)

ENVM7012	Environmental economics and analysis (3 credits)
ENVM7013	Sustainability, society and environmental management (3 credits)
ENVM7014	Environmental quality management (6 credits)
ENVM7015	Research methods and report writing in environmental management (6 credits)
ENVM7016	Environmental policy (3 credits)
ENVM7017	Environmental law in Hong Kong (3 credits)
ENVM8004	Dissertation (9 credits) [#] [<i>Capstone experience</i>]
ENVM8006	Environmental impact assessment (3 credits)
Select one course from the following list:	
ENVM7018	Environmental field studies (3 credits) [<i>Capstone experience</i>]
ENVM7019	Intensive <u>residential</u> field studies (3 credits) [<i>Capstone experience</i>]

Elective courses (select any, 18 credits): [Indicative only: courses' availability will vary from year to year]	
ENVM8003	Conservation biology and management (3 credits)
ENVM8010	Earth science and environmental management (3 credits)
ENVM8011	Environmental auditing and reporting (3 credits)
ENVM8012	Environmental health and risk assessment (3 credits)
ENVM8013	Air and noise pollution control and management (3 credits)
ENVM8014	Special topics in environmental management (3 credits)
ENVM8015	Directed studies in environmental management (6 credits)
ENVM8016	Conservation and management of freshwater ecosystems (3 credits)
ENVM8017	Conservation and management of marine resources (3 credits)
ENVM8018	Urban planning and environmental management (3 credits)
ENVM8019	Corporate sustainability (3 credits)
<i>Notes:</i> Alternative courses from all other taught Masters' programmes at HKU might be accepted at the discretion of the Programme Director. Full-time students must have submitted their dissertation titles and supervisor's names to the School of Biological Sciences by October 15.	

Students are also required to attend a research colloquium at which presentations are made by students based on their dissertation project. The presentations will be assessed and this will contribute to the final grade awarded for the dissertation. Full-time students must submit their dissertation to the School of Biological Sciences on or before the last Friday in June in the first academic year of their study. On the successful completion of the degree, a copy of the outstanding dissertation may be lodged in the University Library for public access.

B. COURSE CONTENTS

Core Courses

ENVM7003 Introduction to ecology (3 credits)

This course deals with the ecological processes determining the distribution and abundance of organisms, and which in turn govern the structure and function of communities and ecosystems. The focus of the course is on how an understanding of ecology is important for environmental management. Together with lectures and student centered learning, this course also incorporates a practical fieldwork component based at the Swire Institute of Marine Science.

Assessment: Written examination (100%)

ENVM7012 Environmental economics and analysis (3 credits)

The aim of this course is to equip students with the ability to undertake an economic analysis of the environment. It demonstrates how economic principles and techniques can help improve environmental performance. The lectures will cover topics such as market failures, the external costs of environmental damage, and market-based instruments. There is an emphasis on the use of cost-benefit analysis and monetary valuation of the environment. There is also a consideration of alternative policy instruments from an economic perspective. This course further examines means of managing resources in a way that is both economically and environmentally efficient.

Assessment: Course work (60%) and written examination (40%)

ENVM7013 Sustainability, society and environmental management (3 credits)

This course begins with the intellectual debates on the definitions, conceptions and different interpretations of the notion of sustainable development. The course then moves on to exploring ways of analysing and implementing sustainable development at the macro- and the micro- levels, ranging from governance and institutional arrangements to projects and practice. A number of tools for sustainable development are also explained including community engagement and sustainability assessment. Each year there will be a special focus on a thematic area such as low carbon living, sustainable neighbourhood, farming revitalisation and environmental education etc to illustrate the challenges of implementing both local and global sustainability.

Assessment: Course work (100%)

ENVM7014 Environmental quality management (6 credits) (equivalent to 2 courses)

This course introduces students to the types, sources and effects of environmental pollution and some of the key principles and strategies used in combating pollution and managing environmental quality. Topics include water and air quality management, solid waste management and noise pollution control, with an emphasis on the situation in Hong Kong. Aspects of pollution control legislation and its enforcement, adaptation and mitigation towards climate change and carbon auditing in practice may also be covered.

Assessment: Course work (40%) and written examination (60%)

ENVM7015 Research methods and report writing in environmental management (6 credits)
(equivalent to 2 courses)

This course is intended both as preparation for the dissertation, which forms an important part of the study, and as a general introduction to writing reports on environmental issues. It is taught as a series of lectures, seminars and workshops. Subjects covered include: selecting research topics and formulating research questions; research methods; basic data processing and analysis. Other research skills such as literature search and review; report writing; avoiding plagiarism and giving oral presentations will also be taught.

Assessment: Course work (40%) and written examination (60%)

ENVM7016 Environmental policy (3 credits)

This course focuses on processes of environmental policy making: the nature of policy making processes, how policy agendas emerge and evolve, environmental discourse and policy making, institutional structures for environmental policy making, collective action problems, policy integration, policy diffusion and convergence, policy failure and the implementation of environmental policy. Theories of policy making are explored in relation to the environment and sustainable development. Environmental policy making systems and outcomes are reviewed through local and international case studies.

Assessment: Course work (100%)

ENVM7017 Environmental law in Hong Kong (3 credits)

This course focuses on the statutory interpretation of the four principal Ordinances and subsidiary legislation dealing with pollution in Hong Kong; namely the Water Pollution Control Ordinance, the Air Pollution Control Ordinance, the Noise Control Ordinance and the Waste Disposal Ordinance. Some consideration will also be given to the Dumping at Sea Ordinance, the Radiation Ordinance, the Merchant Shipping (Prevention and Control of Pollution) Ordinance, the Environmental Impact Assessment Ordinance, the Ozone Layer Protection Ordinance and international conventions effecting the law. Students will study the nature of environmental offences, including the requirement for proving “mens rea” (intent) in order for certain offences to be successfully prosecuted. Students will also be introduced to the principles of judge made law (the Common Law) and will learn to read and interpret relevant case law in order to better understand the current sentencing policies towards environmental offenders, both locally and in other Common Law jurisdictions.

Assessment: Course work (100%)

ENVM7018 Environmental field studies (3 credits) [Capstone experience]

This is an experiential learning course. This course aims to broaden students' horizon and knowledge base on key aspects of environmental management and nature conservation through a series of field studies and visits to local and overseas organizations. Topics include, but not limited to, conservation and biodiversity management, waste and wastewater treatment processes, water treatment processes, and corporate environmental management in practices. Field studies will be conducted in form of guided visits, field work, and invited lectures or forums according to the topics involved. Study trips outside Hong Kong such as Macau, Mainland China and Taiwan may be considered. Students are required to attend at least 50% of all sessions organized over the study period.

Assessment: Course work (100%)

ENVM7019 Intensive residential field studies (3 credits) [Capstone experience]

This is an experiential learning course. This course aims to teach students with the field survey and study skills in biodiversity assessment through an intensive residential field course. Students taking this course have to conduct hands on field surveys of common plant and animal groups in Hong Kong such as vascular plants, mammals, birds, amphibians, reptiles and butterflies. Overseas field trip may be arranged for extra practices in field surveys.

Assessment: Course work (100%)

ENVM8004 Dissertation (9 credits) (equivalent to 3 courses) [Capstone experience]

The dissertation is an individual, independent research project carried out under the supervision of one or more faculty members. Students may propose their own topics and approach possible supervisors, or they may consider those topics suggested by faculty members. Normally, the student develops the research outline in collaboration with his or her Faculty advisor(s) and then collects data, carries out analysis and writes the report prior to the research colloquium where the student will present his/her work. The candidate shall make a formal presentation on the subject of his/her dissertation as required by the programme organizers, during the final semester of the teaching programme.

Assessment: Individual presentation (10%), and a dissertation report of approximately 15,000-20,000 words (90%)

ENVM8006 Environmental impact assessment (3 credits)

Environmental Impact Assessment (EIA) is one of the most important contemporary instruments of environmental management. Used widely around the world to identify the impacts of development projects as well as strategic plans and policies, EIA plays a key role in many regulatory systems for the environment. This course reviews the development of different approaches to EIA, basic analytical principles, administrative and legal systems for EIA, assessments at the project and strategic levels (SIA), and case study applications in Hong Kong.

Assessment: Course work (50%) and written examination (50%)

Elective Courses

ENVM8003 Conservation biology and management (3 credits)

Conservation biology is the essential scientific element in biodiversity conservation. The course will cover the basic principles and methods of conservation biology in a non-technical way. In reality, successful biodiversity conservation projects often require an integration of the welfare of local communities. As such, practical examples from Hong Kong and elsewhere will be used as case studies to illustrate the importance of different elements in conserving our biodiversity.

Assessment: Course work (50%) and written examination (50%)

ENVM8010 Earth science and environmental management (3 credits)

This course examines major issues of earth science of relevance to environmental management. Case studies based on past experiences with application to Hong Kong and other major coastal cities are emphasized. Topics include: chemical composition of earth materials; geochemical surveys; aspects of human health; quaternary record of environmental change; aspects of water resource management; natural and human-induced hazards; coastal management; aspects of waste disposals, etc.

Assessment: Course work (40%) and written examination (60%)

ENVM8011 Environmental auditing and reporting (3 credits)

This course is dedicated to the construction of an environmental management system (EMS) based on ISO14001:2004. The course considers the design of the EMS, its implementation and issues of continuous improvement. Environmental auditing is dealt with in the context of the systems-based approach in line with ISO19011:2011. This course examines audit methodology, measurement and quality assurance. The approach is extended to the auditing of supply chains (particularly in China). Emphasis is placed on practical approaches to improving environmental performance over time. Methods and techniques of reporting on systems and auditing include both environmental reports as well as social and sustainable development reports. A short introduction is given to alternative energy sources, the energy management standard ISO50001:2011, carbon auditing and the Global Reporting Initiative.

Assessment: Course work (100%)

ENVM8012 Environmental health and risk assessment (3 credits)

Environmental Risk Assessments (ERAs) are a tool to determine the likelihood that contaminant releases, either past, current, or future, pose an unacceptable risk to human health or the environment. Currently, ERAs are required under various regulations in many developed countries so as to support decision-makers in risk characterization or the selection of cost-effective remedial cleanup. This course introduces the theory and practice of human and ecological risk assessments. Students completing the course will gain a sound knowledge of the concepts and principles of ERAs, management and communication as applied in practice; understand the basic risk assessment tools (i.e. prospective, retrospective and tiered approaches) to environmental risk management; be able to select and apply the simpler tools to tackle risk issues; and appreciate the interpretations of risk and its role in environmental policy formulation and decision making.

Assessment: Course work (50%) and written examination (50%)

ENVM8013 Air and noise pollution control and management (3 credits)

This advanced course focuses on various technical aspects related to air and noise pollution control and their management issues. The topics include micrometeorology; air dispersion modelling; advanced air pollution control (e.g. process modification, energy audit and emission trading); case studies on control of emissions from stationary and mobile source; concept of sound propagation; basic principles of noise control; noise impact assessment and technical mitigation measures for construction, industrial, road traffic, railway and aircraft noise.

Assessment: Course work (10%) and written examination (90%)

ENVM8014 Special topics in environmental management (3 credits)

The contents of this course will vary from year to year, depending on the availability of teachers and topics, and will be announced before course selection each year. Hot topics in Hong Kong or overseas that are related to environmental management will be selected. Examples of such topics could include urban tree management; slope greening; nature conservation versus development in rural Hong Kong and China, sustainable development movements. With careful consideration of different needs of various stakeholders, various management options are reviewed and evaluated.

Assessment: Course work (100%)

ENVM8015 Directed studies in environmental management (6 credits)

This course provides an opportunity for students to study a topic of particular interest under the supervision of a specialist (i.e., a Faculty member) or undertake an internship (Full-time students only) under the supervision of an experienced Environmental Practitioner. The contents of this course will be agreed individually between the student and the supervisor, and may include research project, directed reading, written assignment, laboratory or field work, and/or other activities relevant to environmental management.

Assessment (Directed Studies): A written report or other form of output to be agreed by the supervisor (50%); Supervisor's assessment (20%); Oral presentation (30%)

Assessment (internship): Written report (50%); Supervisor's assessment (20%); Oral presentation (30%)

ENVM8016 Conservation and management of freshwater ecosystems (3 credits)

Freshwater is an essential requirement of humans, plants and animals, but only a tiny fraction of the water on Earth (0.03%) is available for use. As water is used by humans in multiple ways and is subject to a variety of anthropogenic impacts, there is potential for conflict among different interest groups. Such conflicts will be exacerbated by ongoing changes in global climate that impact water availability. If global water use is to be sustainable, environmental requirements for water to maintain biodiversity as well as ecosystem goods and services need to be taken into consideration alongside human demands. This course offers an introduction to the problems associated with human use of water and current patterns of water resource management, and explains how the characteristics of natural systems constrain sustainable use of water. Emphasis will be placed on examples of river and lake management that can indicate the reasons for success and failure of sustainable water resource use, with reference to regional examples. Students taking this course will gain an appreciation of the trade-offs inherent in water resource management, and the practices that can be adopted to conserve freshwater biodiversity in the complex context of maintaining human livelihoods.

Assessment: Written examination (100%)

ENVM8017 Conservation and management of marine resources (3 credits)

The marine environment has been an important source of its fortunes but today suffers from a range of perturbations, from pollution and habitat destruction, to community loss and over-exploitation. This course primarily deals with pressing issues of marine resource conservation and management in Hong Kong. An overview of the current global situation of marine resources will be presented with an emphasis on the local situation. The past and present exploitation of marine resources and human impacts on the marine ecosystem are addressed with a view to identifying problems and providing practical solutions. Real cases are taken from Hong Kong as example to illustrate the crisis and its management options. Various management options are reviewed and evaluated with careful consideration of different needs of various stakeholders. The key topics of this course include marine pollution, habitat destruction, biological invasion, biodiversity conservation, fisheries, mariculture and harmful algal bloom.

Assessment: Course work (50%) and written examination (50%)

ENVM8018 Urban planning and environmental management (3 credits)

This course lays down the challenges of achieving environmental sustainability in cities. It highlights the important role of urban planning and its related tools and instruments in managing development pressure, mitigating environmental impacts and conserving the ecological sensitive areas. The course begins with an introduction to the fundamental functions and processes of planning. Illustrated with real-life case studies in the local, regional and international contexts, the course then focuses on the application of various planning tools and methods and their effectiveness in conservation and resolving urban-rural conflicts. These include land-use planning, planning law and enforcement, public-private partnership models, green building initiatives, etc. Through a series of Problem-based Learning (PBL) sessions, students debate on a chosen current affair such as planning, conservation and development of ecological sensitive area on private land, planning for facilities with environmental nuisances, etc.

Assessment: Course work (100%)

ENVM8019 Corporate sustainability (3 credits)

Corporate sustainability focuses on the business sector's role and contribution to achieving sustainability. In recent years, the scope has extended from contributing to the social welfare of the society or avoiding environmental degradation to a new business approach that creates long term value for the business by embracing opportunities and managing risks deriving from economic, environmental and social developments. . The course reviews business relationships with the environment and society expressed in the concepts of sustainable production and consumption. It examines the commonly used tools in corporate sustainability and corporate social responsibility (CSR), including shared value, inclusive business, corporate community investment, environmental management systems, life-cycle analysis and clean production. The course also emphasizes the importance of learning about current practice in the business sector, and thus guests from corporate sector will be invited to share their experience with students.

Assessment: Course work (100%)
