

Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) Programs in Environmental Science, Policy and Management

Curriculum for Master of Philosophy (MPhil) Program in Environmental Science, Policy and Management

The Master of Philosophy (MPhil) program aims to train students to conduct independent interdisciplinary research in Environmental Science, Policy and Management.

Specific program requirements are:

- a) Taking ENVR 6010 Postgraduate Seminar whenever it is offered.
- b) Taking at least 9 credits of coursework including:
 - i) 6 credits from the Interdisciplinary Core Course List; and
 - ii) 3 credits from the Elective Course List or other PG course(s) approved by the supervisor and PG Coordinator.
- c) Completion of and passing LANG 5081 Research Writing Skills. The 3 credits earned from LANG 5081 cannot be counted towards the coursework requirement. Students can be exempted from taking LANG 5081 with the approval of the supervisor and the PG Coordinator.
- d) Registration in ENVR 6990 MPhil Thesis Research; and
- e) Presentation and oral defense of the MPhil thesis.

Curriculum for Doctor of Philosophy (PhD) Program in Environmental Science, Policy and Management

The Doctor of Philosophy (PhD) program aims to train students in original research in Environmental Science, Policy and Management, and to cultivate independent, interdisciplinary and innovative thinking that is essential for a successful research career in environmental science, policy and management research and formulation.

Specific program requirements are:

- a) Taking at least 12 credits of coursework including:
 - i) 6 credits from the Interdisciplinary Core Course List; and
 - ii) 6 credits from the Elective Course List or other PG course(s) approved by the supervisor and PG Coordinator.

Subject to approval from the PG Coordinator, students who have taken HKUST MPhil (ESPM) will be granted credit transfer of up to a maximum of 9 credits. Students admitted to the program with a relevant master's degree may be granted credit transfer on a case-by-case basis. In such case, the maximum number of credit transferrable is 6.

- b) Completion of and passing LANG 5080 English Seminar and Presentation Skills, and LANG 5081 Research Writing Skills. The 6 credits earned from LANG 5080 and LANG 5081 cannot be counted towards the coursework requirement. Students can be exempted from taking LANG 5080 and/or LANG 5081 with the approval of the supervisor and the PG Coordinator.
- c) Taking ENVR 6010 Postgraduate Seminar whenever it is offered.
- d) Submission of a thesis proposal to the Qualifying Examination Committee who will examine the student's general background knowledge and knowledge related to the topic of the research. Students must pass the qualifying examination no later than the fourth term of study for full-time students, or the sixth term of study for part-time students.
- e) Registration in ENVR 7990 Doctoral Thesis Research; and
- f) Presentation and oral defense of the PhD thesis.

Interdisciplinary Core Course List

ENVR 5290	Climate Change: Science, Policy and Management
SOSC 5620	Sustainable Development

Elective Course List

CHEM 5410	Atmospheric Chemistry
ENVR 5210	Environmental Microbiology
ENVR 5250	Environmental Economics and Management
ENVR 5260	Environmental Policy and Management
ENVR 6040	Special Topics in Environment
ENVR 6050	Introduction to Oceanography
ENVR 6080	Dynamics of Marine Ecosystems
EVSM 5270	Environmental Law
EVSM 5280	Introduction to Atmospheric Aerosols
EVSM 6070	Environmental Impact Assessment
RMBI 4000B	Environmental Risk Management