



## GRADUATE SCHOOL

### **GM0747 Topics in Environmental and Health Economics, 7.5 credits**

Ämnen i miljö- och hälsoekonomi, 7,5 högskolepoäng

*Second Cycle*

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#### **Confirmation**

This course syllabus was confirmed by Graduate School on 2022-03-28 to be valid from 2022-08-29, autumn semester of 2022.

*Field of education:* Social Sciences 100%

*Department:* Graduate School

#### **Position in the educational system**

The course Topics in Environmental and Health Economics is a course within the Master of Science programmes at the Graduate School, School of Business, Economics and Law, University of Gothenburg

*Main field of studies*

Economics

*Specialization*

A1N, Second cycle, has only first-cycle course/s as entry requirements

#### **Entry requirements**

To be eligible for the course Topics in Environmental and Health Economics, the participant must fulfill the entrance qualifications for the Master of Science programme in Economics or the Master of Science programme in Finance. For programme specific entrance requirements, see programme syllabus.

#### **Learning outcomes**

On successful completion of the course the student will be able to:

*Knowledge and understanding*

1) critically and systematically integrate knowledge in contemporary topics in environmental or health economics

*Competence and skills*

2) make assessments in contemporary topics in environmental or health economics informed by relevant disciplinary, social, and ethical issues

*Judgement and approach*

3) identify the need for further knowledge in contemporary topics in environmental or health economics.

The course is sustainability-focused, which means that at least one of the learning outcomes clearly shows that the course content meets at least one of the University of Gothenburg's confirmed sustainability criteria. The content also constitutes the course's main focus.

**Course content**

The objective of the course is to give the students the possibility to study a selection of contemporary topics in environmental or health economics in depth. Reading and discussing current research is an integral part of this course. Traditional lectures make up a small part of this course. Student centered learning activities make up a larger part of this course. The students will take one of the sub-courses below.

*Sub-courses*

1. **Topics in Environmental Economics** (*Specialiseringskurs i miljöekonomi*), 7.5 credits  
Grading scale: Excellent (A), Very good (B), Good (C), Satisfactory (D), Sufficient (E) and Fail (F)  
Current research is an integral part of this course and the objective is to give the students the possibility to study selected contemporary topics in Environmental economics in depth. Examples of topics that could be covered are policy instrument design, aspects of natural resource economics, or welfare analysis of environmental problems. For information about the current topic see the course guide on the course web page for details (note that the topics can vary between semesters). Also, traditional lectures make up only a small part of this course. Student centered learning activities make up a larger part of this course.
2. **Advanced Health Economics** (*Specialiseringskurs i hälsoekonomi*), 7.5 credits  
Grading scale: Excellent (A), Very good (B), Good (C), Satisfactory (D), Sufficient (E) and Fail (F)

(E) and Fail (F)

This course applies tools for economic analysis to problems related to health. The course focuses on three main issues. First, building on human-capital theory we examine the demand for health and healthcare. Second, the particular properties of health as a good pose a set of problems for health insurance markets. The importance of moral hazard and adverse selection for health insurance is examined. Third, economic evaluation methods applied to the allocation of resources aiming at improving health are increasingly important, both as a field of research and as a method applied to real world problems. For information about the current topic see the course guide on the course web page for details (note that the topics can vary between semesters).

### **Form of teaching**

The course content consists of lectures and group seminars. Reading and discussing current research is an integral part of this course.

*Language of instruction:* English

### **Assessment**

Learning outcome 1 and 2 will be assessed through assignments, active seminar participation and an exam.

Learning outcome 3 will be assessed through assignments and active seminar participation.

Active seminar participation is mandatory. If the course coordinator agrees that the reason for absence or non-submission of compulsory elements is valid, then the missing elements can be replaced with alternative assignments.

Individual assignments and exams shall be written individually, cooperation in formulating text, tables, figures etc. is not allowed.

A failed assignment can be supplemented to a Pass grade.

If a student who has twice received a failing grade for the same examination component wishes to change examiner ahead of the next examination session, such a request should be made to the department in writing and should be approved by the department unless there are special reasons to the contrary (Chapter 6 Section 22 of the Higher Education Ordinance).

If a student has received a recommendation from the University of Gothenburg for study support for students with disabilities, the examiner may, where it is compatible with the learning outcomes of the course and provided that no unreasonable resources

are required, decide to allow the student to sit an adjusted exam or alternative form of assessment.

In the event that a course has ceased or undergone major changes, students are to be guaranteed at least three examination sessions (including the ordinary examination session) over a period of at least one year, but no more than two years after the course has ceased/been changed.

The number of examinations is limited to five.

### **Grades**

The grading scale comprises: Excellent (A), Very good (B), Good (C), Satisfactory (D), Sufficient (E) and Fail (F).

**Topics in Environmental Economics:** The grade (A-E) corresponds to the total score a student obtains on the assignments and the exam.

**Advanced Health Economics:** The grade (A-E) corresponds to the total score a student obtains on the seminar participation, assignments and the exam.

To receive a pass grade (A-E)  $\geq 50\%$  points is required. The scale is tied to fixed score intervals:

A: 85-100%

B: 75-84%

C: 68-74%

D: 60-67%

E: 50-59%

F:  $<50\%$

### **Course evaluation**

The course will be evaluated upon completion. The results of and possible changes to the course will be shared with students who participated in the evaluation and students who are starting the course.