



## GRADUATE SCHOOL

### **GM0739 Methods of Economic Evaluation and Experiment, 7.5 credits**

Metoder för ekonomisk utvärdering och experiment, 7,5 högskolepoäng

*Second Cycle*

---

#### **Confirmation**

This course syllabus was confirmed by Graduate School on 2021-09-27 to be valid from 2022-01-17, spring semester of 2022.

*Field of education:* Social Sciences 100%

*Department:* Graduate School

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

The course Methods of Economic Evaluation and Experiment, 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 Methods of Economic Evaluation and Experiment the participant must fulfil 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. demonstrate knowledge of how to use observational data to analyze economic problems

*Competence and skills*

2. demonstrate ability to use the methods covered during the course to handle observational data and analyze responses by using relevant econometric methods
3. demonstrate ability to analyze an impact evaluation study
4. design an economic experiment, both in the lab and in the field

*Judgement and approach*

5. critically evaluate and reflect on the limitations of the methods covered in this course, and the potential limitations of individual behavior in the survey or experimental situation.

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 main purpose of this advanced economics course is to teach students various methods for evaluating economic behaviour, policies and reforms. Applications to development, environment and health will be discussed. Examples of methods are impact evaluation, survey methods, and experimental methods. Through these applications the students will learn advanced methods used in applied economics. Large part of the course consists of econometrical analyzes in form of computer labs. In addition, the course will teach students how to use economic experiments, both lab and field, how to estimate individual preferences and how to measure consumer response to price and other attributes.

### **Form of teaching**

Lectures, seminars, computer labs, and assignments.

*Language of instruction:* English

### **Assessment**

Learning outcomes 1-5 are assessed through written group assignments.

A student who has taken two exams in a course or part of a course without obtaining a pass grade is entitled to the nomination of another examiner. The student needs to contact the department for a new examiner, preferably in writing, and this 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 special educational support, where it is compatible with the learning outcomes of the course and provided that no unreasonable resources are required, the examiner may 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).

The grade (A-E) corresponds to the total score a student obtains on the written group assignments. 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.