



LUND
UNIVERSITY

School of Economics and Management

EKHM66, Economic History: Econometrics II, 7.5 credits *Ekonomisk historia: Ekonometri II, 7,5 högskolepoäng* Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Board of the Department of Economic History on 2018-03-06 and was last revised on 2023-01-17. The revised syllabus applies from 2023-08-31, autumn semester 2023.

General Information

This is a course at the graduate level, which can become part of a Master of Science degree. The course provides a progression from the course EKHM65 Econometrics I.

The course can also be studied as a single-subject course.

Language of instruction: English

Main field of studies

Economic History

Depth of study relative to the degree requirements

A1F, Second cycle, has second-cycle course/s as entry requirements

Learning outcomes

On a general level the student will acquire advanced knowledge and skills in the use of econometrics with a focus on causal approaches with respect to economic history issues. More specifically, students will be able to:

Knowledge and understanding

- demonstrate knowledge about advanced statistical concepts and issues of econometrics;
- have a deeper understanding of causal approaches in econometrics, and understand the difference between various approaches and when they should be applied;
- have a deeper understanding of panel data analysis with micro and macro data

This is a translation of the course syllabus approved in Swedish

Competence and skills

- apply advanced econometric tools and analyse empirical data with the help of regressions including fixed effects and extensions using panel data of relevance for the topic;
- proficiently use computer software for econometric analysis and implement econometric analysis in an independent manner

Judgement and approach

Understand and interpret econometric models from the scientific literature and to discuss and analyse the results with the help of statistical and econometric theory

- understand relevant empirical and econometric research and be able to generalize their knowledge to economic problems that have not been discussed during the course.

Course content

The course uses statistical theory and methods relating to causal approaches surpassing the content covered by Econometrics I. It considers how to apply these methods through examples of how such methods are used in economic history. It discusses issues like selection bias, the bad control problem, and unobserved heterogeneity and the pitfalls associated with them as well as the possibilities to deal with these issues using multivariate regression methods and panel data regressions. The course then extends this knowledge through the introduction of advanced causal identification methods including instrumental variables, difference-in-differences and regression discontinuity design.

The content of the course is delimited of both teaching and literature.

Course design

The course is designed as a series of lectures, data labs/exercises and project reports.

Assessment

Grading is based on individual performance, via written exams, paper, presentations, discussions, and other mandatory activities. All such exams will be assessed according to regular procedure.

The University views plagiarism very seriously, and will take disciplinary actions against students for any kind of attempted malpractice in examinations and assessments. The penalty that may be imposed for this, and other unfair practice in examinations or assessments, includes suspension from the University.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, E, D, C, B, A.

At the School of Economics and Management grades are awarded in accordance with a criterion-based grading scale UA:

- A: Excellent
- B: Very good
- C: Good
- D: Satisfactory
- E: Sufficient
- U: Fail

Grade (Definition). Characteristic

A (Excellent). A distinguished result that is excellent with regard to theoretical depth, practical relevance, analytical ability and independent thought.

B (Very good). A very good result with regard to theoretical depth, practical relevance, analytical ability and independent thought.

C (Good). The result is of a good standard with regard to theoretical depth, practical relevance, analytical ability and independent thought and lives up to expectations.

D (Satisfactory). The result is of a satisfactory standard with regard to theoretical depth, practical relevance, analytical ability and independent thought.

E (Sufficient). The result satisfies the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought, but not more.

F (Fail). The result does not meet the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought.

To pass the course, the students must have been awarded the grade of E or higher.

Students who do not obtain grades A-E on their written class room exam will be offered opportunities to retake the exam in which case the student will be assessed according to regular procedure.

In the case of home exams that are handed in after the set deadline the teacher can:
a) hand out a new exam which will be assessed according to regular procedure, b) may penalize the student by handing out a lower grade on the assignment in question unless the student can demonstrate special circumstances for the delay.

Entry requirements

Admission to this course is open for students on the master's programmes EAETU Economic Growth, Population and Development, EAUT Economic Development and Growth, EAIGH Innovation and Global Sustainable Development, EAGCH International Economics with a Focus on China, Economic History track and Ph.D

students in Economic History, who have passed the course EKHM65 Econometrics I or elsewhere have acquired the equivalent knowledge.

Subcourses in EKHM66, Economic History: Econometrics II

Applies from H23

2301 Econometrics II, 7,5 hp
Grading scale: Fail, E, D, C, B, A

Applies from H18

1801 Econometrics II, 7,5 hp
Grading scale: Fail, E, D, C, B, A