



**LUND**  
UNIVERSITY

School of Economics and Management

## **EKHT24, Economic History: Advanced Topics in Economic Demography - Data Management, 7.5 credits**

*Ekonomisk historia: Fördjupningskurs i ekonomisk demografi - Datahantering, 7,5 högskolepoäng*  
Second Cycle / Avancerad nivå

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### **Details of approval**

The syllabus was approved by The Board of the Department of Economic History on 2018-11-06 to be valid from 2019-01-01, spring semester 2019.

### **General Information**

This is a graduate level course, which can become one of two mandatory tutorial courses in the second year of the master's program EAETU Economic Growth, Population Studies and Development, track EKDE Economic Demography. The language of instruction is English.

*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 shall acquire advanced knowledge of the use and management of micro-level demographic data. More specifically, the students will be able to:

#### **Knowledge and understanding**

- develop knowledge and understanding of different types of micro-level data and their appropriateness for a specific research question
- develop knowledge and understanding of how to align data with theory

- develop knowledge and understanding of different types of variables and their appropriateness for a specific research question

### **Competence and skills**

- assess the quality of data, clean data, handle missing data
- create different types of variables
- combine datasets
- develop programs
- document variable construction to facilitate replication
- create datasets for analysis using raw micro-level demographic data
- present the results in oral and/or written form

### **Judgement and approach**

- critically assess and process micro-level demographic data for testing specific theories and answering research questions

### **Course content**

To carry out a research project, raw datasets need to be selected and manipulated to create variables that are appropriate to the research question, and the data needs to be formatted in the way that is required for the statistical analysis to be used. The aim of this course is to provide students with advanced knowledge on the use and management of micro-level demographic data. The course will be primarily hands-on and different types of datasets will be employed. The appropriate selection of datasets and variables to answer a research question will be discussed, as well as issues of data quality, data cleaning and the handling of missing data. During each meeting, the necessary steps to create different types of variables will be shown. The course is designed as a tutorial where the student attends meetings and conducts independent work, which will be discussed with the instructor and other students in the group.

### **Course design**

The course is designed as a series of group meetings. During each meeting, theoretical discussions about different aspects of data selection and management will be made, and the steps needed for the handling of data will be shown. In preparation to each meeting, students will work on independent assignments. At the end of the course, students will individually conduct a project where they will define a research question and manipulate a raw dataset to create the necessary variables to answer such question. In addition, students will produce a report, which defines the research question, discusses how variables are selected and/or created and shows descriptive statistics. Students will present their work to the group and comment on each other's work.

### **Assessment**

Grading is based on individual performance via written assignments, papers, presentations and other compulsory activities. The examination is continuous. In this tutorial, equal emphasis is placed on the active participation in discussions at the group meetings and oral presentations. Examination may draw on teaching as well as the course literature.

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**

Students accepted for the second year of the master's programme EAETU Economic Growth, Population and Development, track EKDE Economic Demography and students that have already acquired the equivalent knowledge are qualified for this course.

Subcourses in EKHT24, Economic History: Advanced Topics in Economic Demography - Data Management

Applies from V19

1901 Advanced Topics in Economic Demography - Data Management, 7,5 hp  
Grading scale: Fail, E, D, C, B, A