



LUND
UNIVERSITY

School of Economics and Management

EOSE06, Economy and Society: Skill Training 1- Statistics and Data, 7.5 credits

Ekonomi och samhälle: Färdighetsträning 1 - Statistik och data, 7,5 högskolepoäng
First Cycle / Grundnivå

Details of approval

The syllabus was approved by The Board of the Department of Economic History on 2018-09-04 to be valid from 2018-12-01, spring semester 2019.

General Information

The course is mandatory during the BSc programme Economy and Society.

Language of instruction: English

Main field of studies

Economy and Society

Depth of study relative to the degree requirements

G1N, First cycle, has only upper-secondary level entry requirements

Learning outcomes

To meet the requirements of the course, the student shall:

Knowledge and understanding

- Demonstrate a depth of understanding on the importance of data and quantitative analysis in economy and society
- Display an ability to analyse, visualise and discern data relevant to questions within the subject area with the assistance of basic statistical methods

Competence and skills

- Be able to independently formulate a feasible research problem of relevance to economy and society

- Be able to gather and process cross sectional data
- Be able to write simplified programming code for statistical analysis and data processing
- Be able to conduct bi-variate and basic multivariate analysis with the help of statistical software

Judgement and approach

- Be able to assume a critical and problematizing perspective with the use of quantitative data with the aim of explaining and understanding society and the economy
- Be able to hypothesise about how statistical assumptions affect analysis and results
- Be able to demonstrate a critical approach to interpreting results from the basis of relevant socio-economic theory

Course content

The objective of the course is to provide basic knowledge of quantitative analysis and statistics. During the course, lectures are provided which are intended to deepen the student's understanding of applied quantitative methods as well as processing/estimation and analysis of empirical material within social science. The skills acquired from this course are relevant for the employment market e.g. investigative and analytical rolls, which require further study and written output. In addition, the course provides data laboratories, which provide the students with basic programming and data processing skills, with the help of statistical software.

Course design

Instruction is provided through lectures and data laboratories. The lectures aim to provide a basic knowledge of statistical theory as well as data gathering, assessment and analysis. The objective of the data laboratories is to apply that knowledge, with the help of statistical software.

Assessment

The course is examined through an individual written assignment in which it is expected that the student should be able to complete and present an analysis of data as well as interpreting the results in a subject relevant field. The analysis is conducted with the quantitative approaches that the student has become familiar with during the course. The results are discussed in relation to relevant socio-economic theory, to which the student has been exposed through the programme's previous semesters.

The University views plagiarism very seriously, and will take disciplinary actions against students for any kind of attempted malpractice in examinations and assessments. Plagiarism is considered to be a very serious academic offence. The penalty that may be imposed for this, and other unauthorized behavior in examinations or assessments, includes suspension from the University. The standard suspension period is six weeks.

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

General requirements for university studies in Sweden

Further information

Students accepted for the BSc programme Economy and Society qualify for this course.

Subcourses in EOSE06, Economy and Society: Skill Training 1- Statistics and Data

Applies from V19

1901 Skill Training 1: Statistics and Data, 7,5 hp
Grading scale: Fail, E, D, C, B, A