

# Syllabus

for course at advanced level

**Data Preparation for Life Course Analysis (using STATA)**  
**Data Preparation for Life Course Analysis (using STATA)**

**1.5 Higher Education  
Credits**  
**1.5 ECTS credits**

**Course code:** SO7135  
**Valid from:** Spring 2008  
**Date of approval:** 2008-02-28  
**Department:** Department of Sociology  
**Subject:** Demography

## Decision

This syllabus was approved by the board of the Department of Sociology, Stockholm University, as of February 28, 2008.

## Prerequisites and special admittance requirements

### Course structure

Examination code	Name	Higher Education Credits
1D35	Data Preparation for Life Course Analysis (using STATA)	1.5

### Course content

This course conveys programming skills that are necessary for setting up event history data. The software STATA is used.

### Learning outcomes

After accomplishing this course, participants are expected to:

In terms of knowledge and understanding:

- specify how demographic raw data should be organized for an event-history setup.

In terms of accomplishment and competence:

- set up event history data using STATA,
- calculate descriptive statistics for event history data using STATA.

In terms of value and evaluation:

- evaluate advantages and disadvantages of using STATA for work with event history data.

### Education

Course work and examination consist of computer-based exercises.

### Forms of examination

The course work is evaluated according to the following grades:

A = Excellent  
 B = Very good  
 C = Good  
 D = Satisfactory  
 E = Sufficient  
 Fx = Insufficient

F = Fail

A is given when the student has successfully completed all exercises and has demonstrated a high analytical ability in handling event history data.

B is given when the student has successfully completed all exercises and has demonstrated that she or he is technically perfect in setting up event history data.

C is given when the student has successfully completed all exercises and has demonstrated that she or he is able to set up event history data independently.

D is given when the student has completed the exercises in a satisfying manner and is able to set up event history data with some support from colleagues.

E is given when the student has largely been able to complete the exercises.

Fx is given when the student demonstrates only partial understanding of the course contents.

E is needed to pass the course. Students with Fx are offered the opportunity to upgrade her or his examination. Students with grade F or Fx are entitled to re-examination as long as the course is provided in order to achieve grade E at least. A student with grade E or above is not entitled to further examination to raise her or his grade.

### **Required reading**

Handouts of instruction by means of Powerpoint presentations are provided: Further readings for continued work with STATA: Mario Cleves, William Gould and Roberto Gutierrez (2004): An Introduction to Survival Analysis Using Stata, Revised Edition. Stata Press. Online resources: <http://www.stata.com>