

Syllabus

for course at first level

Statistics III
Statistik III

**30.0 Higher Education
Credits**
30.0 ECTS credits

Course code:	ST300G
Valid from:	Autumn 2009
Date of approval:	2007-04-25
Changed:	2008-10-15
Department	Department of Statistics
Subject	Statistics
Specialisation:	G2E - First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for BA/BSc

Decision

This syllabus was approved by the Board of the Department of Statistics on April 25, 2007 and revised on October 15, 2008.

Prerequisites and special admittance requirements

Statistics II, first level, 30 ECTS credits or equivalent.

Course structure

Examination code	Name	Higher Education Credits
11VM	Optional part 1	7.5
21VM	Optional part 2	7.5
31VM	Optional part	15
41UU	Special Work, Paper	12
42UO	Special Work, Opposition	1.5
43US	Special Work, Participation in Seminars	1.5

Course content

The course consists of one mandatory course unit and optional courses:

Optional courses:

1. Optional course 1, 7,5 ECTS credits
 2. Optional course 2, 7,5 ECTS credits or
 3. Optional course, 15 ECTS credits
- For information on optional courses, see Miscellaneous

The mandatory course units are:

4. Degree project, 15 ECTS credits, which will be assessed as three parts:
 - 4.1 Degree project, essay, 12 ECTS credits
 - 4.2 Degree project, opposition, 1,5 ECTS credits
 - 4.3 Degree project, attendance at seminars, 1,5 ECTS credits

The course consists of contents from optional course units. The course also consists of an independent study within some statistical field. The election of field is made in part according to the interests of the student but may also be suggested by the tutor.

The course shall provide knowledge of planning, conducting and reporting of an individual degree project. The course will also treat other aspects important for statistic, practical or scientific work. You will learn how to deal with some of the practical problems that may occur when applying one's knowledge into a new field.

The course also provides knowledge of how to critically review a statistical study, what scientific literature exist in statistics and how to look for references, how to outline and write a scientific report and how to present one's results orally.

The course provides knowledge of great use not only for statistical applications but also for all scientific and investigating work.

Learning outcomes

After completing the course the student should be able to:

- independently formulate, analyse and solve a statistical problem in an adequate manner
- in writing, present and document a scientific work
- critically review statistical reports and scientific studies
- orally present and debate statistical studies

Moreover, the student is expected to achieve the learning outcomes for the optional courses.

Education

Teaching forms may consist of lectures, exercises, seminars, computer sessions and tutoring. Some compulsory attendance and other mandatory elements may be required.

Forms of examination

a. Examination will be done by assessing the learning outcomes. Examination will be in the form of a written and oral presentation of an individual degree project, opposition and attendance at the department's seminars.

b. Grading is done according to a seven-point scale related to the specified learning outcomes:

- A = Excellent
- B = Very Good
- C = Good
- D = Satisfactory
- E = Adequate
- Fx = Inadequate
- F = Totally Inadequate

c. The assessment criteria for the course will be distributed at the beginning of the course.

d. In order to pass the course, the grade E or higher is required on the course units 1, 2 and 4.1 and Pass on course units 4.2 and 4.3 or the grade E or higher on course units 3 and 4.1 and Pass on course units 4.2 and 4.3.

e. Students who receive the grade Fx or F on an examination are entitled to at least four additional examinations to achieve the lowest grade E as long as the course is still given. Students who receive the grade E or higher on an examination may not retake this examination in order to attempt to achieve a higher grade. Students who receive the grade Fx or F on an examination twice by the same examiner are entitled to request that a different examiner be appointed to set the grade of the examination. Such a request must be in writing and sent to the head of the department. Here, the term examination denotes all compulsory elements of the course.

Interim

Students can request examination in accordance with this syllabus up to three times during a period of two years after the course is no longer given. Such a request must be in writing and sent to the head of the department. Here, the term examination denotes all compulsory elements of the course.

Limitations

Misc

Please see our homepage for information regarding the optional courses. Other optional courses may be

chosen after a decision by the examiner. Registering for the mandatory course unit and chosen optional courses is done in the same manner as for free standing courses.

The course has previously been given under the course code ST3110.

Required reading

The course literature is described in an appendix to the syllabus.