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 2014
Date of approval:	2007-04-25
Changed:	2014-03-12
Department	Department of Statistics
Main field:	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, revised on October 15, 2008, and March 12, 2014.

Prerequisites and special admittance requirements

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

Course structure

Examination code	Name	Higher Education Credits
11UP	Bachelor Thesis in Statistics	15
12VM	Elective part 1	15
13VM	Elective part 2	7.5
14VM	Elective part 3	7.5

Course content

The course consists of one mandatory course unit and one or two optional course units. The mandatory course unit is Degree Project, Statistics, 15 ECTS credits. Optional course units: Optional course unit 1, 15 ECTS credits or Optional course unit 2, 7,5 ECTS credits and Optional course unit 3, 7,5 ECTS credits
For information on optional courses, see Miscellaneous.

The course contains a larger independent degree project within a field of statistics. The choice of field is partly made according to the interests of the student, but may also be a suggestion from the supervisor.

The course shall provide knowledge of planning, conducting and reporting of an independent 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 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 consists of contents from optional course units. The course provides knowledge of great use not only for statistical applications but also for all scientific and investigating work.

Learning outcomes
To pass the course the student shall be able to:
- independently formulate, analyse and solve an advanced 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 course units.

Education
The teaching forms consists of lectures, exercises, seminars and tutoring.

Forms of examination
a. Examination will be done by assessing the learning outcomes. Examination will be in the form of written tests, written and oral presentations of hand-in assignments, and of an individual degree project.

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 all course units.

e. Students who receive the grade Fx or F on an examination are entitled to at least four additional examinations to achieve the grade E or higher, 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 will 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.
For every course date there should be two examination dates within the semester.

Interim
Students can request examination in accordance with this syllabus once per semester during a period of three semesters after the course is no longer given. Such a request must be in writing and sent to the head of the department

Limitations
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Misc
The optional courses are decided by the board of the Department of Statistics.

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