



Faculty of Economic Sciences, Communication and IT
Statistics

Syllabus

Course Approval

The syllabus was approved by the Faculty Board of Economic Sciences, Communication and IT on 8 June 2010, and is valid from the Autumn semester of 2010 at Karlstad University.

Course Code: STGC03

Statistics - Bachelor's Thesis, 15.0 ECTS Credits

(Statistik - Kandidatuppsats, 15.0 Swedish credit points)

Degree Level: Bachelor

Progressive Specialisation: G2E (First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree proj. for B.A./B.Sc.)

Language of Instruction

English if required

Prerequisites

Statistics 60 ECTS credits or equivalent. At least 30 of these 60 ECTS credits must be earned in basic level courses that have other basic level courses as prerequisites. In addition to these 60 ECTS credits the course STGC01 Statistical Theory 7.5 ECTS credits or equivalent is required.

Major Field of Study

STA (Statistics)

Learning Outcomes

Upon completion of the course, students should be able to:

- demonstrate advanced knowledge in a statistical sub-field,
- independently plan and carry out statistical investigations, independently identify, structure and delimit statistical problems,
- find relevant scientific methods to solve problems, and
- orally and in writing present and critically review problems, choice of method, result and conclusions.

Content and Form of Instruction

Students are expected to specialise in a statistical sub-field and then apply the knowledge in a statistical project, independently planned and carried out. Students choose an area, formulate and delimit the problem, study relevant literature and write a report. The work can be of different types: statistical consultancy, investigation, review of a statistical investigation or a simulation study.

Supervision is only offered to students while the course is in progress. Students who fail to complete the project satisfactorily during this time may re-register at the next course opportunity. They will then be offered additional supervision to the extent made possible by available resources.

Reading List

See separate document.

Examination

Examination is based on the special project to be presented at a seminar. Assessment is based on the quality of the work, the content of the essay, the student's ability to handle the different stages of the writing process, time consumed, degree of independence, and the seminar presentation of the essay. Students are also required to act as discussant for a fellow-student's essay. The number of examination opportunities is limited to five.

Grades

One of the grades Distinction (VG), Pass (G), or Fail (U) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course assessment is based on student views and experiences as reported in written course evaluations and/or group discussions. Students will be informed of the result of the evaluation and of the measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional Information

Students who enrolled before 1 July 2007 will complete their studies in accordance with the requirements of the earlier admission. Upon completion students may request degree and course certificates to be issued under the current ordinance if they meet its requirements.

The local regulations for studies at the Bachelor's and Master's levels at Karlstad University stipulate the obligations and rights of students and staff.

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