



Faculty of Health, Science and Technology
Geo-Science

Syllabus

Degree Project

Course Code:	NGGC90
Course Title:	Degree Project <i>Degree Project</i>
Credits:	22.5
Degree Level:	Undergraduate level
Progressive Specialisation:	First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree proj. for B.A./B.Sc. (G2E)

Major Field of Study:
NGA (Physical Geography)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2015-05-26, and is valid from the Spring semester 2016 at Karlstad University.

Prerequisites

Completed 120 ECTS cr for the Surveying Technology and Geographical IT Engineering programme, or equivalent

Learning Outcomes

The Degree Project is an opportunity for the students to apply their theoretical knowledge in an independent project.

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

- demonstrate enhanced knowledge of theories, methods and applications in the engineering area chosen,
- identify a scientifically interesting area and problematise it,
- plan and practically carry out an independent project in accordance with sound engineering practice,
- collect and process information from different sources in the area of engineering and science,
- write a report complying with standard academic structure and formal requirements with correct referencing,
- present their results and the knowledge and arguments on which they are based orally and in writing
- review and evaluate their own project and those of others adopting a critical approach and communicate the result in dialogue with others when reviewed.

Content

At the beginning of the course, students submit a project plan specifying the design and process, for the approval of the examiner before they can start the project and get supervision. The project plan must include background, aim, problem, bibliography, method and a time plan. The degree project is primarily expected to be carried out in conjunction with an external company or organisation, but this

is not an absolute requirement. Students can choose to work alone or in pairs. If two students collaborate, different problems must be clearly stated. The written report, the presentation and seminar discussion are also individual. Students are required to serve as peer reviewer at the final seminar.

The course includes a mandatory seminar where the project plan is presented and discussed. The degree project is an independent activity and the student is responsible for the process and the result. The student is also responsible for planning and requesting supervision sessions. The number of sessions is limited and supervision is only provided for the course duration. Reregistered students are offered supervision if circumstances permit.

Reading List

See separate document.

Examination

Assessment is based on active performance in a mandatory seminar, a written individual project plan and a written individual project report. Assessment is also based on individual presentation and defence of the report and on student performance as peer reviewer of a fellow-student's degree project.

Grades

One of the grades Pass with Distinction (5), Pass with Some Distinction (4), Pass (3), 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 evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

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.

Required course for the Surveying Technology and Geographical IT Engineering programme

Students cannot claim the right to supervision when the course has ended. The number of examination opportunities is limited to five. The grade is awarded by the examiner in consultation with the supervisor.