



Faculty of Health, Science and Technology  
Geo-Science

# Syllabus

## Internship in geographical information technology

<b>Course Code:</b>	NGGB63
<b>Course Title:</b>	Internship in geographical information technology <i>Praktikkurs geografisk informationsteknik</i>
<b>Credits:</b>	7.5
<b>Degree Level:</b>	Undergraduate level
<b>Progressive Specialisation:</b>	First cycle, has at least 60 credits in first-cycle course/s as entry requirements (G2F)

### Major Field of Study:

MAT (Surveying and Mapping)  
NGA (Physical Geography)

### Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2019-02-15, and is valid from the Autumn semester 2019 at Karlstad University.

### Prerequisites

At least 60 ECTS credits completed in the Surveying Technology and Geographical IT Engineering programme or the Surveying and Mapping programme, or equivalent

### Learning Outcomes

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

- use theoretical knowledge of the surveying and mapping field, GIS in occupational contexts,
- give an account of the organisation and business of a workplace,
- give an account of views on sustainability, gender equality, and diversity in the workplace,
- relate environmental and quality issues in occupational contexts to a workplace,
- reflect on their future professional life and their own competencies.

**Content**

The course gives students the opportunity to apply their theoretical knowledge related to their field of study in practice.

The course comprises a period of practical placement in a company or organisation relevant to the field of study. The practical placement includes varied tasks at a company and the opportunity to gain insight into its operations. Students are assigned a placement supervisor and are also expected to stay in touch with their university teacher throughout the course.

At the end of the course, students present a report in oral and written form.

Students are expected to find and apply for a suitable practical placement in consultation with the course convener. Students submit a description of the work involved for the approval of the course convener.

**Reading List**

See separate document.

**Examination**

Assessment is based on an individual practical placement report presented in oral and written form. The work placement period must cover a minimum of 140 hours for a Pass grade.

**Grades**

One of the grades Pass (G) or Fail (U) is awarded in the examination of the course. Dnr G2008/578

**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 and Master levels at Karlstad University stipulate the obligations and rights of students and staff.