



Faculty of Health, Science and Technology  
Geo-Science

## Syllabus

### Practical Placement in Surveying Technology and Geographical IT

**Course Code:**

NGGB72

**Course Title:**

Practical Placement in Surveying Technology and Geographical IT

**Credits:**

15

**Degree Level:**

Undergraduate level

**Progressive Specialisation:**

First cycle, has at least 60 credits in first-cycle course/s as entry requirements (G2F)

#### Major Field of Study:

#### Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2016-02-26, and is valid from the Autumn semester 2016 at Karlstad University.

#### Prerequisites

Completed courses of at least 75 ECTS credits for the engineering programme in Surveying Technology and Geographical IT

#### Learning Outcomes

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

- use theoretical knowledge in the surveying and mapping field, in GIS occupations,
- give an account of the organization and business of a workplace,
- reflect on how issues of gender, diversity and ethics impact on the workplace,
- relate environmental and quality issues to a workplace,
- reflect on their future occupation and their own competences,
- report on their experiences orally and in writing.

#### Content

The course gives students the opportunity to apply their theoretical knowledge in practice within the scope of their specialisation.

The course comprises a period of placement in a company or organisation relevant to students' field of expertise. The placement shall include varying tasks and the opportunity to have insight into business operations.

Students are assigned a local supervisor and are expected to stay in touch with their local supervisor

and the course 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. Students submit a description of the work involved to the teacher for approval.

### **Reading List**

See separate document.

### **Examination**

Assessment is based on a written project report, also presented orally.

The work placement period must comprise at least 300 hours for a Pass grade.

### **Grades**

One of the grades 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 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.