



## Individual Project Course in Geospatial Information Science 5

cr

*Individuell projektkurs i geospatial informationsvetenskap 5 hp*

Set by Faculty of Engineering and Sustainable Development

### Version

**Set at**

**Valid from**

2/26/18

**HT2018**

<b>Level</b>	A1F
<b>Education level</b>	Second cycle
<b>Course identifier</b>	SBA335
<b>Credits</b>	5 cr
<b>Main field of study</b>	Geospatial Information Science
<b>Subject group</b>	Geographic Information Technology and Surveying
<b>Disciplinary domain</b>	Technology 100.0 %

### Learning outcomes

After completion of the course the student shall be able to

1. analyze problems in selected areas of the field of geospatial information science
2. apply the acquired knowledge in a real or hypothetical (research oriented) example
3. assess the completed internship/project with respect to the student's own development goals and the subject areas' technical, theoretical, and professional goals
4. evaluate and assess different practices and professional roles in the workplace with reference to the student's education and underlying theories.

### Course content

The course is conducted according to one of three alternatives:

1. The student carries out a task by his/her own choice in the subject of geospatial information science. The topic has to be decided in consultation with responsible teacher. This alternative is similar to a miniature thesis project of 5 credits. After completed work, the findings will be presented in a research report and at a seminar.
2. The student is assigned a task related to ongoing research by the research group in geospatial information science. After completed work, the findings will be presented in a research report and at a seminar.

3. The student carries out workplace training at an external actor (authority, company, etc.). The internship has to be found and arranged by the student him-/her self. The internship is adapted to the workplace and the student's needs and circumstances. The student actively participates in appropriate workplace tasks in order to acquire knowledge of and insights in geospatial information science. The student and field supervisor together will compose a personal development plan and workplace assignments suitable for the internship in consultation and agreement with the student's supervisor and program coordinator at the university. Upon completion of the internship, the work and a project report is presented at a seminar.

**Teaching** Instruction is given in the form of seminars, as distance learning, or by individual tutoring. The own work is an important part of the course and consists of both literature study and own submissions or applied tasks.

The internship will be adapted to the actual internship placement given the agreement of the supervisor and program coordinator at the university.

**Prerequisites** Methods Tool Course for Geospatial Information Science, 5 cr, GIScience seminar, 5 cr, and GIS organisation and project management, 5 cr, or equivalent

**Examination** Written development plan and written/oral weekly reports, oral seminar presentation and written internship/project report. How the learning outcomes are examined are stated in the course's grading criteria.

**Grade** A, B, C, D, E, Fx, F

**Other regulations** The grading criteria will be announced by the examiner or the course coordinator at the start of the course.

The field supervisor should take responsibility for the personal development plan and workplace assignments.

The supervisor at the university shall assess the oral seminar presentation and the internship report.

**Sustainable environment** Content with sustainable development is not relevant to this course.

<b>Module</b>	0010 Personal development plan and performance review	0.5 cr	Grade: UG
	0020 Oral seminar presentation	1 cr	Grade: UG
	0030 Written internship report	3.5 cr	Grade: AF