Course Syllabus

Geographic Information Systems (GIS) 1: Introduction 7.5 Credits, First Cycle

Learning Outcomes

On completion of the course, students will be able to:

- explain basic concepts relating to GIS
- obtain and use geographic data that is publicly available
- explain the basic principles of cartography
- produce simple maps using GIS software
- conduct basic analyses using GIS software

Course Content

The course introduces basic theoretical and practical knowledge of Geographic Information Systems (GIS). It covers fundamental cartographic principles for creating thematic maps as well as various methods for processing and analysing geographical data. In addition, the course explores the way geographic data can be obtained from different authorities, the production of simple maps using GIS software, and the application of methods for geographic data analysis.

Assessment

- Written assignments
- Online exam

Grades

The grading scale used for the final course grade is U–VG.

Grades are reported as follows:
- Geographic Information Systems (GIS) 1: Introduction - 7.5 Credits | U–VG

Entry Requirements

General entry requirements

Other Information

This course cannot be counted towards the same degree along with courses that have equivalent content.

If the student has received a decision/recommendation granting study support from Dalarna University because of a disability, then the examiner has the right to offer an alternative examination arrangement. The examiner takes into account the objectives in the course syllabus when deciding whether the examination can be adapted in accordance with the decision/recommendation.

Subject:
Human Geography

This course can be included in the following main field(s) of study:
1. Human Geography
2. Tourism Studies

Progression Indicator within (each) main field of study:
1. G1N
2. G1N

Approved:
Approved 2 February 2024
Valid from 2 February 2024