



# AG2421 A GIS Project 7.5 credits

## Ett GIS-projekt

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

## Establishment

Course syllabus for AG2421 valid from Autumn 2014

## Grading scale

A, B, C, D, E, FX, F

## Education cycle

Second cycle

## Main field of study

Built Environment

## Specific prerequisites

For admitted students to the Master of Science in Civil Engineering and Urban Management (CSAMH) or the Master of Science in Transport and Geoinformation Technology (TTGTM):

At least one of the following courses

AG1323 GIS for the Built Environment

AG2412 Geovisualisation

AG2414 Spatial Analysis

For other students:

- A completed bachelor's degree in civil engineering, urban planning, geomatics, geography, engineering physics, computer science, statistics, economics, and/or mathematics, including at least 6 university credits (hp) in each of the following or their equivalents: Programming, Linear Algebra, Calculus in One Variable, and Probability & Statistics;
- Documented proficiency in English corresponding to English B; and
- At least one of the following courses
  - AG1323 GIS for the Built Environment
  - AG2412 Geovisualisation
  - AG2414 Spatial Analysis

## Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

## Intended learning outcomes

Student shall develop their skills to plan and carry out a GIS project in a team environment.

## Course contents

- GIS Project Planning & Management
- Introduction to the GIS Project
- Invited lectures on various GIS projects
- Project leadership & Problem solving
- Carrying out a GIS project

## Disposition

Lectures 12h  
 Laboration 24h  
 Seminar 8h  
 Project

## Course literature

Annonseras vi kursens start

## Examination

- PRO1 - Project, 7.5 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

## Other requirements for final grade

Approved project reports (7.5 credits); Attending 80% lectures

## Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.