SGEG17, GIS in Development Studies - Applications, 7.5 credits

GIS för utvecklingsstudier - tillämpningar, 7,5 högskolepoäng

First Cycle / Grundnivå

Details of approval

The syllabus is an old version, approved by Faculty Board of Social Sciences on 2011-11-17 and was valid from 2011-11-17 , spring semester 2012.

General Information

The course is offered as an interdisciplinary single subject course in the main field of study in Human Geography at the undergraduate level. The language of instruction is English.

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Main field of studies	Depth of study relative to the degree requirements
Human Geography	G1F, First cycle, has less than 60 credits in first-cycle course/s as entry requirements
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Learning outcomes

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

• Recognise and apply key theoretical and practical discourses around the use of GIS for applications in Social Science as well as Development Studies.

• Show an understanding of GIS, incorporating proficiency in data collection, data management, data handling and geographical analysis.

• Work independently with GIS software.

• Critically examine and evaluate analytical techniques for spatially oriented problems.

• Handle scientific problems individually in spatial oriented context.

• Show good knowledge in presenting geographic data and in cartographic design.

• Independently search for information on the course themes, critically analyse the information and effectively communicate findings

Course content

The course aims at providing deepening knowledge of GIS applications within the field of development studies.

The course focuses on applying knowledge of GIS within the field of Development Studies. The course consists of a few longer exercises which covers general analytical methods and tools within GIS and which includes exercises that are adaptable to students' academic and professional background and interest. Exercises are presented in oral, written and cartographic form.

Course design

Teaching is carried out through a mixture of lectures, seminars, and readings, other small group teaching methods and supervision. Compulsory participation applies to seminars. Students are expected to study the course literature parallel to teaching and practical laboratory work.

Assessment

The course is assessed through exercises, presentations, seminar participation, individual project work and written or oral examinations. draw on lectures, exercises as well as course literature. Grading is based on individual performance, written assignments, oral presentations as well as group activities.

In connection with the course students are offered three examinations, a regular examination, a re-examination and one additional re-examination. Within one year after the course, students are offered a minimum of two additional re-examinations. Thereafter, more examinations are offered but in accordance with current course content.

The University views plagiarism very seriously, and will take disciplinary actions against students for any kind of attempted malpractice in examinations and assessments. The penalty that may be imposed for this, and other unfair practice in examinations or assessments, includes suspension from the University.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, E, D, C, B, A.
The grades awarded are A, B, C, D, E or Fail. The highest grade is A and the lowest passing grade is E. The grade for a non-passing result is Fail.

The student's performance is assessed with reference to the learning outcomes of the course. For the grade of E the student must show

acceptable results. For the grade of D the student must show satisfactory results. For the grade of C the student must show good results. For the grade of B the student must show very good results. For the grade of A the student must show excellent

results. For the grade of Fail the student must have shown unacceptable results.

At the start of the course students are informed about the learning outcomes stated in the syllabus and about the grading scale and how it is applied in the course.

Entry requirements

The course builds on previous studies in introductory GIS. To be qualified student must have basic knowledge in GIS, acquired through SGEG16 GIS in Social Sciences – Basic Level, or the equivalent.

General and courses corresponding to the following Swedish Upper Secondary School Programs: Mathematics A, English course B and Civics A

For international students:

English language proficiency demonstrated in one of the following ways:

• IELTS score (Academic) of 6.5 or more (with none of the sections scoring less than 5.5),

• TOEFL score of 575 or more (internet based 90),

• Cambridge/Oxford - Advanced or Proficiency level, O level/GCSE,

• A bachelor´s Degree from a university where English is the ONLY language of instruction, according to the latest edition of International Handbook of Universities

Subcourses in SGEG17, GIS in Development Studies - Applications

Applies from V12

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       Grading scale: Fail, E, D, C, B, A