

GEOL01, Geology: Bachelor's Degree Project, 15 credits
Geologi: Examensarbete för kandidatexamen, 15 högskolepoäng
First Cycle / Grundnivå

Details of approval

The syllabus was approved by Study programmes board, Faculty of Science on 2012-06-18 to be valid from 2012-01-16, spring semester 2012.

General Information

The course is a compulsory course at first cycle level for a Degree of Bachelor of Science in geology.

Language of instruction: English and Swedish

The course is normally given in Swedish but it may also be given in English.

Main field of studies

Geology

Depth of study relative to the degree requirements

G2E, First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for BA/BSc

Learning outcomes

The general aim of the course is to provide students with training in collection, compilation, interpretation and presentation of geological data and contexts in a scientific and/or societal perspective.

Knowledge and understanding

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

- show advanced knowledge and understanding in some part of the geological subject area

Competence and skills

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

- apply knowledge and skills acquired in the earlier courses of the Bachelor's programme
- independently plan and carry out the planned project according to a settled time plan
- communicate orally and in writing, and in a well balanced way utilise scientific language within the subject area

Judgement and approach

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

- formulate a geological problem and thereafter independently carry out and report, in writing as well as orally, a study that includes collection, analysis, critical evaluation and assessment of geological data
- independently carry out information retrievals, critically analyse, process and compile information, as well as use a scientific reference system
- apply scientific methodology and evaluate the applied methods

Course content

The degree project is an independent project work. The student chooses a subject and a work task in consultation with an appointed supervisor or a group of supervisors. In the framework of the project, the student shall solve a well delimited assignment according to a settled time plan. Project planning, literature studies, as well as critical assessment, interpretation and evaluation of collected data are included in the project. Field and laboratory work with application of scientific analysis methods may be included.

The degree project can also be carried out in collaboration with external departments, universities, public authorities, organisations or companies. This is common for degree projects with applied specialisation and with partly external supervision.

The course includes a preparatory component about report writing, scientific writing, research ethics and computer-based reference management.

Course design

The degree project is performed independently but with continuous supervisor contact. The work includes theoretical and/or practical work as well as literature studies. During the course, the student shall also participate in seminars and special teaching of research ethics, report writing and other presentation techniques, as well as computer-based reference management.

The report shall be made available for assessment at least one week before the seminar.

Assessment

In the presentation of the individual degree project the following parts are included:

- a written report in Swedish or English
- an oral presentation at a public seminar
- a scientific abstract in Swedish and English, as well as a popular summary

The examination is performed by an examination committee in consultation with the supervisor. The examination committee consists of at least two individuals: the examiner and an additional teacher/researcher.

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

Grades

Marking scale: Fail, Pass, Pass with distinction.

To pass the entire course, approval of both the written report and the oral presentation is required. The final grade is determined by summarising the results of these two parts, where the largest weight is given to the written report. To obtain the grade Pass with distinction, the work may not exceed the time plan by more than 20%.

Entry requirements

For admission to the course, general entry requirements are required as well as 90 credits in geology including GEOB01-GEOB04, GEOB21-GEOB25 or the equivalent knowledge.

Further information

The course may not be included in a degree together with GEOX01 Geology, Degree Project 1, 15 credits, or GEL544 Geology, Degree Project, 10 credits.

Subcourses in GEOL01, Geology: Bachelor's Degree Project

Applies from V12

1201 Bachelor's Degree Project, 15,0 hp
Grading scale: Fail, Pass, Pass with distinction