



LUND
UNIVERSITY

Faculty of Science

GEOR02, Geology: Master Degree Project, 45 credits

Geologi: Examensarbete för masterexamen, 45 högskolepoäng
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by Study programmes board, Faculty of Science on 2007-11-19 to be valid from 2007-11-20, spring semester 2008.

General Information

The course is a compulsory course for second-cycle studies for a Degree of Master of Science (120 credits) in geology.

Language of instruction: English and Swedish

Main field of studies

Geology

Depth of study relative to the degree requirements

A2E, Second cycle, contains degree project for Master of Arts/Master of Science (120 credits)

Learning outcomes

The aims of the course are that students should have acquired the following knowledge and skills on completion of the course; they should

- be able to apply knowledge and skills acquired within the earlier courses of the Master's programme, and have reached advanced insight into one of the geological disciplines,
- be able to apply scientific methodology and evaluate the methods used,
- be able to formulate a geological problem and thereafter independently carry out and report (orally and in writing) an advanced study that includes collection, analysis, critical assessment and extensive evaluation of geological data,
- independently be able to plan and perform an advanced study according to a set time plan,
- be prepared for professional work and research within geology.

Course content

The degree project is an independent project work. The student chooses a subject and a specific work task in consultation with an appointed supervisor or group of supervisors. The study is normally included in or related to a research project carried out at the department. The final report (text, figures and tables) can therefore be designed as a more or less completed manuscript for publication in a scientific journal. The degree project can also be carried out in collaboration with external departments, universities, public authorities, organisations or companies. The supervision can be partly external.

Within the framework of the project, the student shall solve a well-defined but substantial research question according to a set time plan. Project planning, literature studies as well as critical assessment, interpretation and evaluation of data shall be included in the task. Normally, some form of field and laboratory work associated with application of scientific analysis methods is also included.

Course design

Assessment

The degree project is carried out independently but with continuous supervisor contact. During the course, the student shall participate in seminars, guest lectures and teaching of report writing and other presentation techniques. The student shall also complete a critical review assignment for another degree project.

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

- a written report in Swedish or English, or in exceptional cases another language,
- an oral presentation at a public seminar followed by review by a fellow student and a member of the examination committee,
- a poster which presents the research problem, the methodology and the main results,
- a scientific summary in Swedish and English and a popular summary of the work.

The report shall be made available for assessment at least a week before the seminar. The department shall archive the printed degree project. The student is examined by an examination committee which is present at the oral presentation. The examination committee shall consist of three individuals: an examiner (the subject representative or a teacher or researcher appointed by the subject representative), another teacher or researcher at the department and a doctoral student.

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.

The grades in the course are passed with distinction, passed and failed. To pass the entire course, approval of both the report and the presentation are 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 pass with distinction, the work may not exceed the time plan by more than 20%. Grades are awarded by the examination committee.

Entry requirements

For admission to the course, general entry requirements are required and 210 credits, of which at least 30 credits in courses for second-cycle studies in geology (normally two of the courses GEOM01-GEOM04 or GEON01-GEON03, or the equivalent), and English B.

Further information

The course may not be included in a higher education qualification together with GEL545 Geology degree project, 20 credits, GEL554 Geology, degree project 2, 10 credits, GEOY01 Geology: degree project 2, 15 credits, or GEOY02 Geology: degree project 3., 15 credits. For further information, see Rules and recommendations for degree projects at the faculty of natural sciences.

Subcourses in GEOR02, Geology: Master Degree Project

Applies from V08

0701 Master Degree Project, 45,0 hp
Grading scale: Fail, Pass, Pass with distinction