

**SYLLABUS**

# **Geology and Mineralogy, basic course 7.5 credits 00016K**

**Grundkurs i geologi och mineralogi**

**Course syllabus admitted: Spring 2013 Sp 3 - Autumn 2015 Sp 2**

**DECISION DATE  
2013-02-15**

# Geology and Mineralogy, basic course 7.5 credits 00016K

## Grundkurs i geologi och mineralogi

### First cycle, 00016K

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	G U 3 4 5	Malmgeologi	Earth Science and Physical Geography

## Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language

## Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

## Examiner

Christina Wanhainen

## Course Aim

To give the basic theory and practical knowledge of common rocks and minerals, their formation and distribution in time and space.

## Contents

Earth and its processes, Minerals and mineral identification methods, rocks, rock forming process and identification methods Exploration for minerals and rocks.

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Lectures with distance spanning technique as well as practical studies of rocks and minerals, Field work and excursion.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. Written exam, practical identifications and a report. Students who have failed an examination on five occasions will not be allowed further resits.

## Remarks

Tidigare SBL204 Kursen ingår som delkurs i yrkeshögskoleutbildningen med inriktning mot ädelsten, 80p.

## Overlap

The course 00016K is equal to KGO501

## Literature. Valid from Spring 2011 Sp 3

Loberg, Bengt, Geologi, Norstedts 2003

## Course offered by

Department of Civil, Environmental and Natural Resources Engineering

## Items/credits

Number	Type	Credits	Grade
0004	Written exam	4.5	G U 3 4 5
0005	Oral exam, mineral and rock	2	G U 3 4 5
0006	Field trip	1	U G#

## Last revised

by Department of Civil, Environmental and Natural Resources Engineering 2013-02-15

## Syllabus established

Course plan approved by the Department of Chemical Engineering and Geosciences 2007-02-28.