Faculty of Science

MNXA02, Gender in Science and Technology, 7.5 credits

Genus i naturvetenskap och teknik, 7,5 högskolepoäng

First Cycle / Grundnivå

Details of approval

The syllabus was approved by Study programmes board, Faculty of Science on 2008-12-10 to be valid from 2008-12-10, spring semester 2009.

General Information

Language of instruction: Swedish and English

Main field of studies	*Depth of study relative to the degree requirements*
Physics	G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Learning outcomes

The aim of the course is that students on completion of the course should have acquired the following knowledge and skills:

- knowledge of gender relations; historical and in the society of the present.
- knowledge of central theories and concept within gender studies.
- skills to think critically and independently about the relation between gender and social structures.
- ability to analyse and reflect about ones own education; based on a gender perspective.
- a developed understanding of how gender analyses can be relevant within scientific education.
- a reinforced ability to write; analyse and give oral presentations.

Course content

The course consists of 2 subparts/modules of 3 and 4.5 credits, respectively.
a) Introduction to gender studies, 3 credits.
The first part of the course constitutes a short introduction to gender studies. Different theories within gender research are presented. Especially, attention is

devoted to the concepts of gender, masculinity and feminity and how these concepts have been used as analytical tools. The course explores thematically power relations and the social design of gender in everyday life and in the working life with special focus on historical and social science research about science and technology.
The course also brings up current research about equality, gender theory and education in relation to science and technology.
b) Project 4.5 credits.
In this part of the course, the participants, preferably in groups, makes a gender analysis of their own university education. This can imply a gender analysis of different aspects of the education, e.g. examination forms, course organization and structure, course literature, laboratory sessions, lectures, interaction between students, teacher and assistants. The project is completed with an oral presentation.

Course design

The teaching consists of lectures, seminars, group work and project work.
Participation in project work and thereby integrated teaching is compulsory.

Assessment

Examination is in the form of an oral presentation of the project during a seminar and in a written report. Re-sit examinations are offered soon after the examination to students who do not pass.

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

Grades

Marking scale: Fail, Pass.
To pass the entire course requires a project report and participation in all compulsory parts and at least 80% attendance on lectures and seminars.

Entry requirements

Admission to the course:

For admission to the course, knowledge equivalent to 90 credits (hp) within the faculty of natural sciences is recommended.

Subcourses in MNXA02, Gender in Science and Technology

Applies from H07

0801 Gender in Science and Technology, 7,5 hp
Grading scale: Fail, Pass