



The Faculty of Engineering and Sustainable Development

# Programme Syllabus

For

**College Year**                      **30 HE credits**

**Programme code:**                      XZCOR  
**Level:**                                      Higher Education Access Programme  
**Valid from:**                              Autumn Semester 2011  
**Established:**                              2007-09-25 (The Board of Science and Technology)  
**Latest revised:**                         2011-08-24  
**Diary number:**                         HIG 2011/915  
**Revision established by:** The Faculty Board

## **Entry Requirements**

Qualified for the College Year are those who both fulfil the conditions for general entry requirements for higher education stated in the Higher Education Ordinance and the specific entry requirement Mathematics A (Ma A). Exemption from this entry requirement may be granted, provided that it is possible for the student to fulfil the general entry requirements for higher education and the specific entry requirement Ma A during the College Year.

## **Expected Learning Outcomes**

The upper-secondary school part is intended to function as a qualifying year and is studied according to individual choices. For the upper-secondary school part of the education, the regulations for adult education at upper-secondary level apply.

## **The Higher Education Act, Chapter 1, Section 8**

First-cycle studies should essentially expand upon the knowledge that pupils acquire on national or specially designed programmes in upper-secondary school or equivalent knowledge. However, the government may grant exemptions regarding programmes in fine, applied and performing arts.

First-cycle studies should develop the students'

- ability to make independent and critical assessments
- ability to independently discern, formulate and solve problems, and
- preparedness to address changes in the working life.

In addition to knowledge and skills and within the field of the education, the students should develop the ability to

- search and evaluate knowledge at a scholarly level
- follow the knowledge development, and
- exchange knowledge also with individuals without expertise in the area.

See also the local degree ordinance.

### **The Contents and Arrangement of the Programme**

The higher education courses provide an introduction to higher education in didactics, Swedish/English, natural sciences and mathematics/technology. The courses include working with different ways of understanding, learning and developing the own knowledge and expertise in didactics, Swedish/English, natural sciences and mathematics/technology. The courses also intend to stimulate to continued higher education. The upper-secondary courses are elective and the opportunity is given to supplement the upper-secondary qualification.

The educational view is based on the fact that all learning is a dynamic process that takes place in collaboration between teachers and students. All teaching and supervision should be based on the fact that the student is responsible for the studies and active knowledge acquisition. Different teaching and working methods should teach the student to actively seek knowledge, critical thinking, reflection and oral and written proficiency, and to use academic literature.

The scheduled teaching is given as lectures, teaching sessions, laboratory sessions, project work and seminars. Parts of the teaching take place in the form of group assignments. Attendance is compulsory at certain teaching parts. In addition to the scheduled teaching, self-studies also occur.

The examination is carried out as written examinations, group work and individual work.

### **Courses**

The students have guaranteed admission to the programme courses. Applications to courses in the following semester must be submitted. Prior to the choice of courses, the students are offered study guidance by the higher education institution's appointed study adviser. Changes to the order of courses may be made in consultation with the students on the programme. Alternative course choices may be made in consultation with the faculty programme director, provided that the expected learning outcomes for the programme are fulfilled. The courses are compulsory and include a total of 30 HE credits, and are read during one academic year.

## Year 1

Course Name	Level	HE credits	Main Field of Study
Didactics A: Introduction to Higher Education	F	7.5	Didactics
Introduction to Academic Writing in Swedish and English	F	7.5	Swedish
Introduction to Higher Education with Focus on Natural Sciences	F	7.5	Natural Sciences
Introduction to Higher Education with Focus on Mathematics and Technology and Design	F	7.5	Mathematics

Elective upper-secondary courses constitute a total of 400 upper-secondary school credits in the municipal adult education. Before the choice of upper-secondary courses are made, study guidance is offered by the municipal adult education study advisers.

### Course Certificates

To receive a course certificate, the student must be approved on all higher education and upper-secondary courses.

### Student Influence and Evaluation

The council for educational affairs should be linked to the study programme. The faculty programme director should be included in the council and be the chairman and summoner. The purpose of the council for educational affairs is to give students and representatives from the working life/society influence over the study programmes.

The programme students should be given the opportunity to give their opinions of the study programme annually in a programme evaluation. The programme evaluation should be carried out through the use of an evaluation tool common for all higher education institutions. A compilation of the evaluation results should be submitted to the Faculty Board.

### Other

Guaranteed admission is established at most of the study programmes given at Högskolan i Gävle, which is stated in a specific decision by the office during the spring semester. The students will be informed of this. A student will have guaranteed admission to a study programme at Högskolan i Gävle the following academic year after completed College Year, if the student has approved results in all courses included in the College Year by the final date for

supplementation, stated by the Swedish Agency for Higher Education Services (VHS), and also fulfil the specific entry requirements for the relevant programme.