



HÖGSKOLAN I GÄVLE

PROGRAMME SYLLABUS HIGHER

EDUCATION ACCESS PROGRAMME

FOUNDATION SEMESTER

Programme Code: NZBAT

Established by the Board of Science and Technology
2009-09-17

Programme Syllabus

Foundation Semester 25 Weeks

For study programmes in engineering and teaching with a specialisation in mathematics and natural sciences for primary school

This programme syllabus applies to students admitted to the autumn semester of 2010 or later.

FOUNDATION SEMESTER

for study programmes in engineering and teaching with a specialisation in mathematics and natural sciences for primary school, at Högskolan i Gävle

1 General Arrangement

The programme includes 25 weeks of studies for supplementary qualification of upper-secondary education. The education ends at the same time as the foundation year programme at the higher education institution. The teaching on the foundation semester is organised in the same way as the university programmes, with lectures in large groups and teaching sessions, laboratory sessions and seminars in small groups, group assignments, project work, study visits and examinations. The subjects are studied in parallel.

2 Expected Learning Outcomes

The foundation year programme intends to provide the skills in order to proceed to the study programmes in engineering and teaching at Högskolan i Gävle. The intention is also that the foundation year programme should function as a preparatory year for future higher education by teaching the students to carry out studies in a higher education environment.

The foundation semester is a supplementation of previous studies in upper-secondary school or adult secondary education, and provides knowledge in mathematics, physics and chemistry equivalent to Ma D, Fy B and Ke A.

Approved results on the foundation semester give the student admission to some of the following study programmes, so-called guaranteed admission, if the relevant entry requirements are fulfilled:

- **Study programmes in engineering**
- **Teacher education, specialisation in mathematics and natural sciences for primary school**

3 Arrangements of the Programme

The foundation semester includes courses of 25 weeks in total.

4 Description of Courses/Course Modules

The following courses are included in the programme:

Course	<u>Weeks</u>	<u>Part</u>	<u>Correspon</u>
Basic Mathematics 2	4	0010	
Basic Mathematics 3	4	0010	Ma D
Basic Physics 1	5	0050, 0060	Fy A
Basic Physics 2	7	0010, 0020, 0030, 0040	Fy B
Basic Chemistry 1	5	0010, 0020	Ke A

5 Entry Requiremen

Qualified for admission to the foundation semester are those who both fulfil the conditions for general entry requirements, and fulfil the following specific entry requirements:

<u>Subject</u>	<u>Course</u>
Mathematics	Ma C

The grade for each of the above subjects must be at least Pass.

6 Grades

Grades are given for each course. The grades are Pass or Fail. These grades may not be used for supplementary qualification of existing grades, but only as equivalence assessment for application to study programmes.

7 Guaranteed Admission

Guaranteed admission applies to students for admission to a study programme at Högskolan i Gävle the academic year following the completed foundation semester, if the students have approved results 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.

Halfway through the programme, information will be given about the study programmes that may be applied to after completed foundation year programme. The students then submit their applications through www.studera.nu

Students who are qualified after the final date for supplementation stated by the Swedish Agency for Higher Education Services (VHS), may apply for local admission at Högskolan i Gävle.

8 Credit Transfer

A maximum of 5 study weeks out of the 25 weeks on the Foundation Semester may be transferred, in order to retain the right to guaranteed admission.

9 Course Certificates

Students who have successfully completed the foundation semester with approved results should receive course certificates on request. Students who have successfully completed a course on the foundation semester with approved results may receive certificates on request.

10 Further Instructions

Interim Regulations.

For students admitted to the later part of the programme and for students who have had approved leave from studies, a specific study plan is established by the faculty programme director in consultation with study advisers.