



**HÖGSKOLAN I GÄVLE**

PROGRAMME SYLLABUS HIGHER

EDUCATION ACCESS PROGRAMME

FOUNDATION YEAR PROGRAMME

Programme Code: NZBAS

Specialisation Codes:

- specialisation specific entry requirements

Mathematics B (Ma B): MAB

- specialisation specific entry requirements

Mathematics C (Ma C): MAC

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

**Programme Syllabus**

**Foundation Year Programme 40 Weeks**

**For programmes in engineering and teaching**

**This programme syllabus applies to students admitted to the autumn semester.**

# **FOUNDATION YEAR PROGRAMME, for programmes in engineering and teaching at Högskolan i Gävle**

## **1 General Arrangement**

The education includes one year of studies for supplementary qualification of upper-secondary education. The foundation year programme is flexible and the students may choose other rates of study and/or choose to read the courses in another order. The teaching in the foundation year programme is organised in the same way as in 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 higher education programmes in natural sciences and technology. 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 year programme is a supplementation of previous studies in upper-secondary school or adult secondary education, and provides knowledge in mathematics, physics, chemistry and biology, equivalent to upper-secondary programmes in natural sciences, i.e. Mathematics D (Ma D) or Mathematics E (Ma E) depending on the chosen specialisation, Physics B (Fy B), Chemistry B (Ke B) and Biology B (Bi B).

Approved results in the foundation year programme give the student admission to some of the following study programmes, so-called guaranteed admission, depending on which entry requirements the student fulfils:

- **Teacher education, specialisation in mathematics and natural sciences for primary school**
- **Teacher education, specialisation mathematics and natural sciences for secondary school**
- **Teacher education, specialisation mathematics and biology or mathematics and physics for upper-secondary school**
- **Study programmes in engineering**

## **3 Arrangements of the Programme**

The foundation year programme contains courses of 40 weeks in total.

#### 4 Descriptions of Courses/Course Modules

The following courses are included in the programme:

<b>Course</b>	<b><u>Weeks</u></b>	<b><u>Part</u></b>	<b><u>Correspon to</u></b>
Basic Mathematics 1	4	0010	
Basic Mathematics 2	4	0010	Ma C
Basic Mathematics 3	4	0010	Ma D
Basic Mathematics 4	4	0010	Ma E
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
Basic Chemistry 2	5	0010, 0020	Ke B
Basic Biology 1	3	0010, 0020	Bi A
Basic Biology 2	3	0010, 0020	Bi B

#### 5 Entry Requirements

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

<b><u>Subject</u></b>	<b><u>Course</u></b>
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Depending on specialisation:

Mathematics	Ma B or
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Mathematics	Ma C
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The grade for each of the subjects stated in the entry requirements 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 year programme, 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](http://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 9 study weeks out of the 40 weeks on the Foundation Year Programme may be transferred, in order to retain the right to guaranteed admission.

## **9 Course Certificates**

Students who have successfully completed the foundation year programme with approved results should receive course certificates on request.

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## **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.