



# Programme syllabus

[An accessible version of the syllabus can be found in the Course and programme directory.](#)

## Degree Programme in Constructional Engineering and Health 180 credits

Högskoleingenjörutbildning i byggt teknik och hälsa

*Valid for students admitted to the education from autumn 07 (HT - Autumn term; VT - Spring term).*

This is a translation of the Swedish, legally binding, programme syllabus.

# Programme objectives

Knowledge and understanding

Skills and abilities

Ability to make judgements and adopt a standpoint

Extent and content of the programme

Eligibility and selection

Implementation of the education

Courses

The programme is course-based. Lists of courses are included in appendix 1.

Grading system

Courses in the first and the second cycle are graded on a scale from A to F. A-E are passing grades, A is the highest grade. The grades pass (P) and fail (F) are used for courses under certain circumstances.

Appendix 1 - Course list

Appendix 2 - Programme syllabus descriptions



# Appendix 1: Course list

## Degree Programme in Constructional Engineering and Health (TIBHL)

### General courses

#### Year 1

#### Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
<a href="#">HF1004</a>	Mathematics and Statistics	7.5 hp	First cycle
<a href="#">HF1900</a>	Engineering and Information Skills	7.5 hp	First cycle
<a href="#">HF1901</a>	Mathematics I	7.5 hp	First cycle
<a href="#">HS1000</a>	Engineering project	7.5 hp	First cycle
<a href="#">HS1002</a>	Building Physics	7.5 hp	First cycle
<a href="#">HS1003</a>	Structural Mechanics 1	7.5 hp	First cycle
<a href="#">HS1004</a>	Structural Mechanics 2	7.5 hp	First cycle
<a href="#">HS1005</a>	Surveying and Mathematical Statistics	7.5 hp	First cycle

## Year 2

### Mandatory courses (67.5 Credits)

Code	Name	Credits	Edu. level
<a href="#">HH1900</a>	Business Economics and Organizational Behaviour	7.5 hp	First cycle
<a href="#">HH1901</a>	Engineering Practice and Development	7.5 hp	First cycle
<a href="#">HL1011</a>	Biomechanics and Motion Analysis	7.5 hp	First cycle
<a href="#">HS1001</a>	Structure and Design	7.5 hp	First cycle
<a href="#">HS1006</a>	The Building Process	7.5 hp	First cycle
<a href="#">HS1007</a>	Fluid Mechanics	7.5 hp	First cycle
<a href="#">HS1008</a>	Structural Design in Civil Engineering	7.5 hp	First cycle
<a href="#">HS1009</a>	Urban Planning	7.5 hp	First cycle
<a href="#">HS1010</a>	Geology and Soil Mechanics	7.5 hp	First cycle



# Appendix 2: Specialisations

## Degree Programme in Constructional Engineering and Health (TIBHL)

This programme has no specialisations.