



# Programme syllabus

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

## Degree Programme in Chemical Engineering 180 credits

Högskoleingenjörsutbildning i kemiteknik

*Valid for students admitted to the education from autumn 06 (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 Chemical Engineering (TIKED)

### General courses

Year 2

#### Mandatory courses (49.5 Credits)

Code	Name	Credits	Edu. level
<a href="#">KH1211</a>	Mathematical Statistics	4.5 hp	First cycle
<a href="#">KH1223</a>	Biotechnology	7.5 hp	First cycle
<a href="#">KH1231</a>	Chemical Engineering and Technology 2	21.0 hp	First cycle
<a href="#">KH1240</a>	Industrial Ecology and Chemical Hazards	6.0 hp	First cycle
<a href="#">KH1251</a>	Electrical Measurements, Control Theory and Practice	6.0 hp	First cycle
<a href="#">KH1252</a>	Business Administration	4.5 hp	First cycle

## Optional courses

Code	Name	Credits	Edu. level
<a href="#">KH1400</a>	Water Chemistry	7.5 hp	First cycle
<a href="#">KH1401</a>	Organic Chemistry, Advanced Course 1	6.0 hp	First cycle
<a href="#">KH1404</a>	Bio-inorganic Chemistry	6.0 hp	First cycle
<a href="#">KH1405</a>	The Fuel Cell	6.0 hp	First cycle

## Year 3

### Mandatory courses (46.5 Credits)

Code	Name	Credits	Edu. level
<a href="#">KH1324</a>	Analytical Chemistry 2	7.5 hp	First cycle
<a href="#">KH1332</a>	Chemical Engineering and Technology 3	9.0 hp	First cycle
<a href="#">KH1341</a>	Environmental Technology	7.5 hp	First cycle
<a href="#">KH1353</a>	Organisational Development and Leadership for Engineers	7.5 hp	First cycle
<a href="#">KH139X</a>	Degree Project in Chemical Engineering and Technology, First Cycle	15.0 hp	First cycle

## Optional courses

Code	Name	Credits	Edu. level
<a href="#">KD1130</a>	Inorganic Chemistry	6.0 hp	First cycle
<a href="#">KH1402</a>	Ecological Chemistry	6.0 hp	First cycle



# Appendix 2: Specialisations

## Degree Programme in Chemical Engineering (TIKED)

This programme has no specialisations.