Programme syllabus

Degree Programme in Electrical Engineering and Economics
Högskoleingenjörsutbildning i elektroteknik och ekonomi

180.0 credits

Valid for students admitted to the education from autumn 11 (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 Electrical Engineering and Economics (TIEEA), Programme syllabus for studies starting in autumn 2011

## General courses

### Year 1

**Mandatory courses (60.0 credits)**

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>HE1026</td>
<td>Digital Electronics</td>
<td>6.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>HE1027</td>
<td>Electrical Principals</td>
<td>7.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>HE1028</td>
<td>Computer Engineering</td>
<td>8.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>HE1029</td>
<td>Electrical Engineering and Internet Technology, Project Course</td>
<td>9.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>HF1005</td>
<td>Engineering and Information Skills</td>
<td>6.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>HF1007</td>
<td>Environmental Science and Work Science</td>
<td>6.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>HF1008</td>
<td>Linear Algebra and Calculus in One Variable</td>
<td>10.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>HI1024</td>
<td>Computer Programming, Basic Course</td>
<td>8.0</td>
<td>First cycle</td>
</tr>
</tbody>
</table>

### Year 2

### Year 3
Appendix 2: Specialisations

Degree Programme in Electrical Engineering and Economics (TIEEA), Programme syllabus for studies starting in autumn 2011

This programme has no specialisations.