Programme syllabus

Technical Preparatory Semester
Tekniskt basår, termin 2, KTH Flemingsberg

30.0 pre-education credits

Valid for students admitted to the education from autumn 20 (HT - Autumn term; VT - Spring term).

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

Programme objectives

See information in the Swedish programme syllabus.

Knowledge and understanding

demonstrate knowledge in the scientific fields of mathematics and physics

Skills and abilities

• demonstrate the capacity for team work and collaboration in groups with different composition
• demonstrate the ability to verbally and in writing to explain and discuss the basic science, problems and solutions

Ability to make judgements and adopt a standpoint

• show the ability of independent and critical thinking

Extent and content of the programme

See information in the Swedish programme syllabus.

Eligibility and selection

See information in the Swedish programme syllabus.

Implementation of the education
Structure of the education

See information in the Swedish programme syllabus.

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.

Conditions for participation in the programme

In connection with the compulsory enrollment, the student must register for courses via the "Personal Menu" at www.kth.se

Degree project

Degree Project is not included in the technical preparatory year.

Degree

The program will give eligibility for engineering programmes and will not lead to a degree.

Appendix 1 - Course list
Appendix 2 - Programme syllabus descriptions
Appendix 1: Course list

Technical Preparatory Semester (TBTMH), Programme syllabus for studies starting in autumn 2020

General courses

Year 1

Mandatory courses (30.0 Pre-education credits)

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>HF0024</td>
<td>Mathematics for Technical Preparatory Year II</td>
<td>12.0</td>
<td>Pre-university</td>
</tr>
<tr>
<td></td>
<td></td>
<td>fup</td>
<td>level</td>
</tr>
<tr>
<td>HF0025</td>
<td>Physics for Technical Preparatory Year II</td>
<td>18.0</td>
<td>Pre-university</td>
</tr>
<tr>
<td></td>
<td></td>
<td>fup</td>
<td>level</td>
</tr>
</tbody>
</table>
Appendix 2: Specialisations

Technical Preparatory Semester (TBTMH), Programme syllabus for studies starting in autumn 2020

This programme has no specialisations.