Programme syllabus

Technical Preparatory Semester
Tekniskt basår, termin 2, KTH Södertälje
30.0 credits

Valid for students admitted to the education from spring 18 (HT - Autumn term; VT - Spring term).

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

**Programme objectives**

**Knowledge and understanding**

- demonstrate knowledge in the scientific fields of mathematics and physics

**Skills and abilities**

**Ability to make judgements and adopt a standpoint**

- show the ability of independent and critical thinking

**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

Technical Preparatory Semester (TBTMS), Programme syllabus for studies starting in spring 2018

General courses

Year 1

Mandatory courses (30.0 credits)

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>ML0024</td>
<td>Mathematics for Technical Preparatory Year II</td>
<td>12.0</td>
<td>Pre-university level</td>
</tr>
<tr>
<td>ML0025</td>
<td>Physics for Technical Preparatory Year II</td>
<td>18.0</td>
<td>Pre-university level</td>
</tr>
</tbody>
</table>

Supplementary information

Course list: Information is based upon the curriculum for academic year 2016/2017. Changes may occur.

Year 2
Appendix 2: Specialisations

Technical Preparatory Semester (TBTMS), Programme syllabus for studies starting in spring 2018

This programme has no specialisations.