Programme syllabus

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

Valid for students admitted to the education from spring 17 (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

Technical Preparatory Semester (TBTMS), Programme syllabus for studies starting in spring 2017

### 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>ML0024</td>
<td>Mathematics for Technical Preparatory Year II</td>
<td>12.0</td>
<td>fup</td>
</tr>
<tr>
<td>ML0025</td>
<td>Physics for Technical Preparatory Year II</td>
<td>18.0</td>
<td>fup</td>
</tr>
</tbody>
</table>

**Supplementary information**

Course list: Information is based upon the curriculum for academic year 2016/2017. Changes may occur.
Appendix 2: Specialisations

Technical Preparatory Semester (TBTMS), Programme syllabus for studies starting in spring 2017

This programme has no specialisations.