Programme syllabus

Master's Programme, Product Realisation, 60 credits
Magisterprogram, produktframtagning
60.0 credits

Valid for students admitted to the education from autumn 08 (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.

Recognition of previous academic studies

The student has the possibility to apply to receive credit from courses taken at another university/higher education institution both in Sweden and from abroad. The application can be found on KTH’s website.

KTH’s policy for recognition of previous academic studies can be found entirely in the KTH-Handbook.

Studies abroad

Students in the programme have the possibility to carry out the degree project abroad.

Degree

KTH’s local degree ordinance can be found in the KTH-Handbook.

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

Master's Programme, Product Realisation, 60 credits (TPRPM), Programme syllabus for studies starting in autumn 2008

## General courses

### Year 1

### Mandatory courses (15.0 credits)

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>HM2008</td>
<td>Project Management</td>
<td>9.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>MG2029</td>
<td>Production Engineering - Planning and Control</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
</tbody>
</table>

### Conditionally elective courses

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF2021</td>
<td>Environmentally Adapted Product Design</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>MF2024</td>
<td>Robust and Probabilistic Design</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>MG2020</td>
<td>Modularisation of Products</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>MG2022</td>
<td>Advanced CAD Modelling and Rapid Prototyping, Project Course</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>MG2028</td>
<td>CAD and Other IT Tools in Industrial Processes</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>MG2030</td>
<td>Production Engineering - Simulation of Factory, Flow and Processes</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>MG2032</td>
<td>Automation Technology, Advanced Course 1</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
</tbody>
</table>
Appendix 2: Specialisations

Master's Programme, Product Realisation, 60 credits (TPRPM), Programme syllabus for studies starting in autumn 2008

This programme has no specialisations.