Programme syllabus

An accessible version of the syllabus can be found in the Course and programme directory.

Master's Programme, Entrepreneurship and Innovation Management 60 credits

Magisterprogram, entreprenörskap och innovationsledning

Valid for students admitted to the education from autumn 13 (HT - Autumn term; VT - Spring term).

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

Programme objectives

Beyond the objectives which are specified in the Higher Education Degree Ordinance, there are also specific goals for this programme.

A graduate from the programme must:
Knowledge and understanding

- Show a deep knowledge about established and newer theories and models within the area of innovation and entrepreneurship as a complement to, and a continuation of the earlier acquired technical and natural scientific knowledge
- Show deep knowledge about how new economical organisations are started and managed, the role which entrepreneurship and innovation play in society’s economy, and those requirements which innovative organisations put on management and organisation
- Show deep knowledge about scientific and practical methods to judge, develop and drive inventive and innovative projects, whether within existing companies or through creation of new organisations

Skills and abilities

- Show the ability to generate ideas for, develop, plan, and implement innovative economic organisations
- Show the ability to apply theories within entrepreneurship and innovation in a creative way, and develop practical applications
- Show the ability to handle the different leadership, planning, and organisational questions which arise in driving an innovation project
- Show the ability to handle the start and development of an innovation organisation, both as an individual and as a part of a team

Ability to make judgements and adopt a standpoint

- To have a reflective and open approach which encompasses the fact that entrepreneurship and innovation have ethical social and society-related aspects
- To show a responsibility for the assignments an entrepreneur or an innovation leader has, including inquiries which are related to society’s responsibility and sustainable development
- Show an analytic ability as well as a reflexive and critical thought process in relation to established theories an practices
- Show active engagement with regards to the possibility of driving a innovation organisation

KTH’s local degree ordinance can be found in KTH’s guidelines www.kth.se

Extent and content of the programme

The programme comprises 60 higher education credits which correspond to one year of full-time study. The programme is primarily in the second cycle.
The language of instruction in the programme is English.

Eligibility and selection

In order to be eligible for the Master’s programme, a relevant higher education degree, Bachelor of Science in Engineering, technical Bachelor or other corresponding technical or natural scientific degree in the second cycle comprising 180 higher education credits is required. Other studies or work experiences are judged by competencies referred to.

For KTH’s programmes with English as the language of instruction, there is a special requirement of English B or the corresponding knowledge.

The merit worth is based upon the following criteria: university/college, grade point average from earlier studies, courses which are relevant for the programme, work experience, letter of recommendation plus a letter of motivation.
In case of equal merit, placement will be awarded through a lottery.
More information can be found in KTH’s guidelines, www.kth.se

Implementation of the education

Structure of the education

Study years, terms, and study periods are described in KTH’s guidelines, www.kth.se

Structure of the education

The programme is a continuation of a degree within technology or natural science. It has the following structure.

Year 1

The participants in the programme are first given an overview, comprising 45 higher education credits, which contain 6 or 7.5 higher education credits which are obligatory. In this base, the fundamental skills and questions within innovation and entrepreneurship are introduced.

In the other half of the programme, the degree project, which is on the advanced level comprising 15 higher educational credits is given as a course. The degree project is a scientific final work which analyzes an entrepreneurial/innovation project.

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

Term Enrolment and Course Application

A prerequisite to be allowed to participate in the studies is that the student verifies enrollment for courses the coming term every spring and fall. This is done via www.antagning.se between the 1st and 15th of November and the 1st and 15th of May.

Conditions for participation in the courses

Requirements for promotion from term 1 to term 2:

At least 10 higher education credits from term 1 must be completed.

Students who have not fulfilled this requirement must, in collaboration with a study adviser, create an individual study plan. The main intent with the individual study plan is that the student will complete the remaining elements during the next coming study term. In the study plan, the remaining elements should be included as well as suitable courses from the next study term. Special consideration should be given to the courses’ prerequisites.

Recognition of previous academic studies

Students have the possibility to apply for recognition of previous academic studies from course(s) at another higher education institution or university, both national and international.

KTH’s entire policy for recognition of previous academic studies can be found in KTH’s guidelines, www.kth.se

Studies abroad

Students in this programme have no possibility to carry out portions of the programme abroad

Degree project

KTH’s rules for the degree project can be found in KTH’s guidelines, www.kth.se. Generally, a large portion of the studies must be completed before the degree project can be started.
Degree

In order to earn Degree of Master of Science in Entrepreneurship and Innovation Management (One Year), passing grades in all courses which are included in the student’s study plan are required. The study plan must comprise 60 higher education credits which include a degree project consisting of 15 higher education credits, in the second cycle.

KTH’s local degree ordinance can be found at http://intra.kth.se/regelverk/

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

Master's Programme, Entrepreneurship and Innovation Management (TEILM)

General courses

Year 1

Mandatory courses (60.0 Credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME1003</td>
<td>Industrial Management, Basic Course</td>
<td>6.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>ME2016</td>
<td>Project Management: Leadership and Control</td>
<td>6.0 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2034</td>
<td>Management of New Technology and Industrial Creativity</td>
<td>6.0 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2036</td>
<td>Industrial Dynamics, Advanced Course</td>
<td>6.0 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME204X</td>
<td>Degree Project in Entrepreneurship and Innovation</td>
<td>15.0 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td></td>
<td>Management, Second Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ME2604</td>
<td>Advanced Industrial Marketing</td>
<td>6.0 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2814</td>
<td>Ideation- Creating Your Own Company</td>
<td>7.5 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2815</td>
<td>Business Model Innovation</td>
<td>7.5 hp</td>
<td>Second cycle</td>
</tr>
</tbody>
</table>
Appendix 2: Specialisations

Master's Programme, Entrepreneurship and Innovation Management (TEILM)

This programme has no specialisations.