



Programme syllabus

Master's Programme, Entrepreneurship and Innovation Management,
60 credits

Magisterprogram, entreprenörskap och innovationsledning
60.0 credits

Valid for students admitted to the education from autumn 17 (HT - Autumn term; VT - Spring term).

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

Programme objectives

In addition to the objectives specified in the Swedish Higher Education Ordinance, there are also specific objectives for this programme. Graduates from the programme shall...

Knowledge and understanding

- Demonstrate deep knowledge of established and newer theories and models within the field of innovation and entrepreneurship, as a complement to and an extension of previously acquired technical and scientific knowledge
- Demonstrate deep knowledge of how new economic enterprises are initiated and run, the role of entrepreneurship and innovation in the economy, and the requirements of innovative enterprise in relation to management and organisation
- Demonstrate deep knowledge of scientific and practical methods for assessing, developing and running creative and innovative projects, either within existing companies or through the creation of a new enterprise

Skills and abilities

- Demonstrate the ability to generate ideas for, develop, plan and implement an innovative economic enterprise
- Demonstrate the ability to apply theories of entrepreneurship and innovation in a creative way, thus developing practical applications
- Demonstrate the ability to address different issues relating to management, planning and organisation that arise in the implementation of innovative projects

- Demonstrate skills in managing the start-up and development of an innovative enterprise, both as an individual actor and as part of a team

Ability to make judgements and adopt a standpoint

- Have a reflective and open approach which acknowledges that entrepreneurship and innovation have ethical, social and societal aspects
- Show a level of responsibility with regard to the tasks of an entrepreneur or an innovation leader, including issues related to social responsibility and sustainable development
- Demonstrate analytical skills as well as the ability to think reflexively and critically in relation to established theory and practice
- Demonstrate active engagement when faced with the possibility of running an innovative enterprise

The KTH local Degree Ordinance can be found in the KTH regulatory framework, www.kth.se.

Extent and content of the programme

The programme comprises 60 higher education credits, which corresponds to one year of full-time studies.

The programme level is primarily second cycle and the language of instruction is English.

Eligibility and selection

Eligibility for the programme requires a university education of at least 180 credits, a Degree of Bachelor of Science in Engineering, a technical Degree of Bachelor, or another similar technical or scientific first-cycle education. English skills equivalent to English, course B. Other studies or professional experience are assessed based on the prior knowledge required.

The selection process is based on the following criteria: university, credits awarded (e.g. grades, grades in specific subjects and English), motivation for the studies (for instance, letter of motivation, references, courses and relevant professional experience). The assessment of qualifications scale is 1-75. In the event of the same tariff, lots are drawn.

Otherwise refer to the KTH admission regulations in the KTH regulatory framework, www.kth.se

Implementation of the education

Structure of the education

Programme arrangement

The academic year comprises 40 weeks and is divided into four periods. If necessary, instruction may be provided outside the parameters of the academic year.

Academic years, semesters, study periods are found in the KTH regulatory framework, www.kth.se.

Structure of the programme

The programme is an extension of a higher education qualification within engineering or natural science. It has the following structure.

The programme consists of compulsory courses that together comprise 45 credits. These courses introduce and develop skills within innovation and entrepreneurship. The programme concludes with a second cycle degree project of 15 credits where proficiency is further developed.

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

Course application and semester registration

Prior to each semester, the student must apply for all courses the student intends to take.

Course application is done at www.antagning.se or www.universityadmissions.se

- 1 - 15 May for autumn semester
- 1 - 15 November for spring semester

If the student does not apply via www.antagning.se or www.universityadmissions.se, the application is only considered subject to availability.

The student can obtain information on how to apply from the school's office of student affairs.

Conditions for participation in the instruction

Requirements for semester 1 to semester 2:

A total of at least 10 credits from semester 1 should be completed.

Individual study plan

A student who does not fulfil the above requirements must, in consultation with the programme study advisor, establish an individual study plan for the continuing studies.

There are no guaranties for full-time studies for students with an individual study plan

Recognition of previous academic studies

Credit transfer

Students have the opportunity to apply to be given credit for results from a course or courses at another higher education institution/university within or outside the country.

As the grading systems differ widely between countries, grades from exchange studies are not translated to the KTH grading scale. An application is made by submitting a form to the school's office of student affairs.

The entire KTH policy for credit transfer is included in the KTH regulatory framework, www.kth.se

Studies abroad

Students on the programme do not have the possibility of doing parts of their education abroad.

Degree project

Degree project, second cycle

The programme includes a degree project for a Degree of Master (60 credits) that comprises a course of 15 credits which is usually carried out in the spring semester. Commencement of the degree project requires that the majority of the studies in the Master's Programme are completed, i.e.,

- that 30 credits have been obtained, of which 15 credits relate to specialised studies within the main field of study.

The KTH rules for degree projects can be found in the KTH regulatory framework, www.kth.se.

Degree

Application for a certificate

The student must apply for a certificate. Applications are made by logging on to the KTH website where “Applications for degrees” is found under the heading “Programme”.

Conditions for a Degree of Master, 60 credits

A Degree of Master of Science is obtained after completing the degree programme. The programme is designed so that the student, when they graduate, has fulfilled the national qualification requirements with a passing grade in all courses included in the student's study plan of 60 credits, of which

- at least 45 credits are attained in the second cycle, which includes at least 30 credits (including a 15 credit degree project) of specialised studies within the programme's main field of study.

Title of general qualification at second cycle

Degree of Master of Science (60 credits)

Teknologie Magisterexamen

Refer to the KTH guidelines (KTH regulatory framework), local directions for higher education qualifications at first and second cycle, the local Degree Ordinance www.kth.se

[Appendix 1 - Course list](#)

[Appendix 2 - Programme syllabus descriptions](#)



Appendix 1: Course list

Programme syllabus for studies starting in autumn 2017, Master's Programme, Entrepreneurship and Innovation Management, 60 credits (TEILM)

General courses

Year 1

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
ME1003	Industrial Management, Basic Course	6.0 hp	First cycle
ME2016	Project Management: Leadership and Control	6.0 hp	Second cycle
ME205X	Degree Project in Entrepreneurship and Innovation Management, Second Cycle	15.0 hp	Second cycle
ME2092	Management of Technology Innovation and Creativity	6.0 hp	Second cycle
ME2093	Technological and Industrial Change	6.0 hp	Second cycle
ME2604	Advanced Industrial Marketing	6.0 hp	Second cycle
ME2614	Ideation- Creating Your Own Company	7.5 hp	Second cycle
ME2615	Business Model Innovation	7.5 hp	Second cycle



Appendix 2: Specialisations

Programme syllabus for studies starting in autumn 2017, Master's Programme, Entrepreneurship and Innovation Management, 60 credits (TEILM)

This programme has no specialisations.