Degree project - Master’s Thesis

Programme course

30 credits
Examensarbete
TQXX30
Valid from: 2020 Spring semester

Determined by
Övrigt

Date determined
2019-09-23
Main field of study

see special list

Course level

Second cycle

Advancement level

A1X

Course offered for

- Master's Programme in Ecology and the Environment
- Master's Programme in Applied Ethology and Animal Biology
- Master's Programme in Aeronautical Engineering
- Master's Programme in Biomedical Engineering
- Master's Programme in Communication Systems
- Master's Programme in Computer Science
- Master's Programme in Design
- Master's Programme in Electronics Engineering
- Master's Programme in Physics and Nanoscience
- Master's Programme in Industrial Engineering and Management
- Master's Programme in Mathematics
- Master's Programme in Mechanical Engineering
- Master's Programme in Materials Science and Nanotechnology
- Master's Programme in Sustainability Engineering and Management
- Master's Programme in Intelligent Transport Systems and Logistics
- Master's Programme in Protein Science
- Master's Programme in Organic Synthesis and Medicinal Chemistry

Specific information

filosofie master, naturvetenskaplig master, teknologie master

Entry requirements

Admission to master’s programme. In addition, to be qualified to conduct a degree project the student must have completed at least 60 credits from courses within the programme,
of which 30 credits must be at the advanced (graduate) level within the main field of study.

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Intended learning outcomes

Knowledge of underlying sciences
The student is expected to demonstrate ability to

- systematically integrate knowledge acquired during the studies
- demonstrate substantially deepened knowledge of methodology as well as knowledge of the subject area within the main field of study
- assimilate the content of the relevant literature and relate their work to this

Personal and professional skills
The student is expected to demonstrate ability to

- plan, implement and present an independent degree project
- formulate issues, plan and carry out advanced tasks within specified time limits
- find and evaluate scientific literature

Teamwork and Communication
The student is expected to demonstrate ability to

- clearly present and discuss conclusions on the degree project in writing and orally
- critically examine and oppose on another student’s degree project

CDIO Science/Scientific
The student is expected to demonstrate ability to

- create, analyze and/or assess scientific issues in theories and methods
- make assessments with regard to relevant ethical and societal aspects, such as economically, socially and ecologically sustainable development

Course content

Determined individually for each student in consultation with the examiner and supervisor. The project must be carried out in the main field of study.
Teaching and working methods

The course consists of an independent degree project. A supervisor and an examiner are appointed for each student or group of students. The degree project is the final step before graduation.

Examination

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPG1</td>
<td>Planning report, midway assessment, written report, oral presentation and reflection document</td>
<td>U, 28 credits</td>
</tr>
<tr>
<td>OPPO</td>
<td>Opposition</td>
<td>U, 1.5 credits</td>
</tr>
<tr>
<td>AUSK</td>
<td>Attendance at three thesis presentations</td>
<td>D, 0.5 credits</td>
</tr>
</tbody>
</table>

Only degree projects at a level equal to or higher than that of your personal degree project can be selected for opposition and thesis presentation attendance.

The written report should consist of a manuscript ready for publication together with an individual document regarding the completed degree project.

The student must oppose at least one degree project.

Attendance at thesis presentations may be done starting the first semester of the master’s programme and is recorded, until registration of the master’s thesis can be done, in the course code TEXMAS.

The course is graded Pass/Fail.

Grades

Two grade scale, older version, U, G

Other information

About teaching and examination language

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is Swedish, the course as a whole or in large parts, is taught in Swedish. Please note that although teaching language is Swedish, parts of the course could be given in English. Examination language is Swedish.
- If teaching language is Swedish/English, the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English (depending on teaching language).
If teaching language is English, the course as a whole is taught in English. Examination language is English.

**Other**

The course is conducted in a manner where both men's and women's experience and knowledge are made visible and developed.

The planning and implementation of a course should correspond to the course syllabus. The course evaluation should therefore be conducted with the course syllabus as a starting point.

**Department**

Tekniska fakultetens kansli

**Education components**

Preliminary scheduled hours: 0 h
Recommended self-study hours: 800 h

**Course literature**

**Other**

Determined individually for each student in consultation with the examiner and supervisor.