Programme syllabus

Master's Programme, Applied Logistics, 60 credits
Magisterprogram, tillämpad logistik
60.0 credits

Valid for students admitted to the education from autumn 15 (HT - Autumn term; VT - Spring term).

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

Programme objectives

In addition to the aims that are specified in the higher education ordinance, a master who has been graduated from Applied Logistics, KTH, should:

Knowledge and understanding

- Be able to control logistic flows and make them operate in a cost efficient and customer adapted way
- Have a comprehensive view of enterprise flows and an understanding of how one’s individual acting affect the total result
- Be able to present and communicate logistic proposals

Skills and abilities

- Possess an understanding of logistics as an important factor in creating competing power and business profitability
- Have the capacity to adjust individual area of responsibility as relates to the corporate logistics, with the aim to avoid suboptimations
- In a group and individually, be able to identify, analyse and solve logistic problems in a way consistent with academic methods
- Have the ability to assess logistic solutions as relates to overall business consequences

Ability to make judgements and adopt a standpoint

- Understand that logistics is an interdisciplinary way of thinking that may affect all established company functions

KTH's local degree ordinance can be found in KTH's regulatory framework, www.kth.se
Extent and content of the programme

The education comprises 1 year of full studies equal to 60 ECTS credits. The courses are on second level.

The courses are given mostly in Swedish, some courses or parts of courses may be given in English.

Eligibility and selection

For qualification, Master's or Bachelor's degree comprising at least 180 ECTS credits in mechanics or economics, or equivalent, is required.

If a contention for an admission arises, a selection is made where the assessment of qualification mostly is made from the amount of higher education credits (max. 225 ECTS credits/ 150 credits). The candidates can, in addition, raise their comparison sum by 45 ECTS credits/ 30 credits if they can certify 5 years or more of at least half-time professional experience.

For more information, see KTH's admission regulations found in KTH's regulatory framework, www.kth.se.

Implementation of the education

Structure of the education

Academic year, semesters, study periods can be found in KTH's regulatory framework, www.kth.se

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

When the autumn semester (HT) starts, semester registration is done in connection with the enrolment to the program. Course registration, on the other hand, is made by the student via the “personal menu” in www.kth.se

When the spring semester (VT) starts, the student is expected to carry out both semester registration and course registrations via the “personal menu” in www.kth.se

The student must accomplish minimum 10 ECTS credits during the autumn semester to be permitted to attend the courses in the spring semester.
Recognition of previous academic studies

Students may apply to include credit results from course/courses at other higher education institution/university within or outside of the country. Registration form can be found on KTH's website.

KTH's policy for inclusion can be found in full in KTH's regulatory framework, www.kth.se

Studies abroad

Students on the program have the possibility to carry out the degree project abroad.

Degree project

- The degree project comprises 15 ECTS credits. At least 30 ECTS credits must be completed before start, and when final grade exists in relevant courses that concern the contents of the degree project
- It may start after the assignment has been approved by the examiner
- It is based on the knowledge that has been acquired during the studies and should normally be carried out during the spring semester
- It should constitute proof of an independent work comprising theoretical and/or experimental work with accompanying report writing and oral presentation
- The supervisor is appointed by the examiner

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

Degree

In order to graduate Degree of Master of Science(60 credits) the student must be approved in every course that is included in the student's study plan. The study plan consists of the compulsory courses that the student has attended to and the degree project. The study plan should comprise at least 60 ECTS credits.

KTH's local degree ordinance can be found in KTH's regulatory framework, www.kth.se

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

Master's Programme, Applied Logistics, 60 credits (TTILM), Programme syllabus for studies starting in autumn 2015

General courses

Year 1

Mandatory courses (75.0 Credits)

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
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<tbody>
<tr>
<td>HM2000</td>
<td>Legislation Issues in Logistics</td>
<td>7.5 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>HM2007</td>
<td>Leadership and Organisation</td>
<td>7.5 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>HM201X</td>
<td>Degree Project in Applied Logistics, Second Cycle</td>
<td>15.0 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ML201X</td>
<td>Degree Project in Applied Logistics, Second Cycle</td>
<td>15.0 hp</td>
<td>Second cycle</td>
</tr>
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<td>ML2111</td>
<td>Distribution System</td>
<td>7.5 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ML2112</td>
<td>Production Logistics</td>
<td>7.5 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ML2113</td>
<td>Supply Chain Management</td>
<td>7.5 hp</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ML2114</td>
<td>Logistics Development</td>
<td>7.5 hp</td>
<td>Second cycle</td>
</tr>
</tbody>
</table>

Supplementary information

Course list: Information is based upon the curriculum for academic year 2014/2015. Changes may occur.
Appendix 2: Specialisations

Master's Programme, Applied Logistics, 60 credits (TTILM), Programme syllabus for studies starting in autumn 2015

This programme has no specialisations.