



SCHOOL OF BUSINESS, ECONOMICS AND LAW

Master of Science in Logistics and Transport Management, 120 credits

Masterprogram i logistik och transport, 120 högskolepoäng

Programme code: S2LOT

Second cycle / Avancerad nivå

1. Confirmation

This programme syllabus was confirmed by the Dean of the Faculty on 09-03-2020 (GU 2020/800) to be valid from 01-09-2021, Autumn semester 2021.

Responsible Department/equivalent: Graduate School

2. Purpose

The programme prepares students for advanced work within the field of Logistics and Transport Management, both in the private and public sectors. That involves, e.g., work as a transport manager, logistics manager and supply chain manager. In addition, the programme provides a basis for those who want to enter a doctoral programme.

The programme aims to provide critical thinking and analytical skills to be able to analyse real-world and theoretical problems, develop skills to design solutions for organizations. It also aims to provide a strategic perspective of the relationships, flows, chains, processes, and systems comprising the international logistics and transport arena, with sustainability as a key issue.

3. Entry requirements

General Entrance Requirements

To meet the entry requirements for master's level (second cycle or graduate) studies, students must:

- have been awarded a Bachelor's degree (equivalent to a Swedish Kandidatexamen) from an internationally recognized university
- be able to demonstrate proficiency in English equivalent to English studies at upper secondary school (high school) in Sweden, called English 6/English Course B.

For more information about General Entrance Requirements see www.universityadmissions.se

(English) and www.antagning.se (Swedish).

Programme Specific Entrance Requirements

The applicant's university education must include a minimum of 30 credits in subject areas related to Business and/or Economics. In addition the education must include a minimum of 15 credits in Statistics, or 7.5 credits in Statistics and 7.5 credits in Quantitative Methods and/or Mathematics.

The admission requirements listed above apply for admission to the programme. For continued studies within the programme individual courses might have specific requirements, as provided in each course syllabus.

4. Higher education qualification and main field of study

This programme leads to a Degree of Master of Science (120 credits) with a major in Logistics and Transport Management (Ekonomie masterexamen med huvudområdet Logistics and Transport Management).

5. Outcomes

General outcomes for Degree of Master (120 credits)

Knowledge and understanding

For a Degree of Master (120 credits) the student shall

- demonstrate knowledge and understanding in the main field of study, including both broad knowledge of the field and a considerable degree of specialised knowledge in certain areas of the field as well as insight into current research and development work, and
- demonstrate specialised methodological knowledge in the main field of study.

Competence and skills

For a Degree of Master (120 credits) the student shall

- demonstrate the ability to critically and systematically integrate knowledge and analyse, assess and deal with complex phenomena, issues and situations even with limited information
- demonstrate the ability to identify and formulate issues critically, autonomously and creatively as well as to plan and, using appropriate methods, undertake advanced tasks within predetermined time frames and so contribute to the formation of knowledge as well as the ability to evaluate this work
- demonstrate the ability in speech and writing both nationally and internationally to clearly report and discuss his or her conclusions and the knowledge and arguments on which they are based in dialogue with different audiences, and
- demonstrate the skills required for participation in research and development work or autonomous employment in some other qualified capacity.

Judgement and approach

For a Degree of Master (120 credits) the student shall

- demonstrate the ability to make assessments in the main field of study informed by relevant disciplinary, social and ethical issues and also to demonstrate awareness of ethical aspects of research and development work
- demonstrate insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used, and
- demonstrate the ability to identify the personal need for further knowledge and take responsibility for his or her ongoing learning.

Local outcomes

For a Degree of Master (120 credits) the student shall:

- demonstrate ability to understand the connection between economic, social and environmental dimensions of sustainability.

6. Content and structure

The programme covers four terms of academic full-time study (120 credits) including three terms of courses, core and elective, 90 credits, and one term of Master Degree Project (thesis writing, 30 credits). Each term is divided into four periods, and each course is 7,5 credits (except for the Master's Thesis). The language of instruction is English and all courses included in the Degree of Master of Science must have been taught in English.

Core Courses

Core courses are programme-specific and include courses in methods with an emphasis on qualitative and quantitative analysis. The first course of the programme depend on the student's educational background.

The programme offers a unique combination of widening and deepening knowledge and skills in logistics and transport management and the possibility for in-depth study of the topic during the Master's degree project. The opportunity for personal differentiation and specialization is made possible through the availability of elective courses.

Finally, the fourth term is devoted to a Master Degree Project (30 hec) under the supervision of a faculty member. The choice of thesis topic will take place during the third term.

List of core courses:

Integrated Logistics or Logistics Information Systems, 7.5 credits

Intermodal Freight Transport or Sustainable Logistics, 7.5 credits

Supply Chain Management, 7.5 credits

Operations Management, 7.5 credits

Retailing, Wholesaling and Logistics, 7.5 credits

International Trade and Logistics, 7.5 credits

Research Methods, 7.5 credits

Global Logistics Management, 7.5 credits

Master Degree Project, 30 credits

Elective Courses

The Graduate School offers a number of electives within economics, business administration, law, economic history and economic geography. The elective courses offered may vary. Students are able to tailor their education to specific needs which means that they can acquire different profiles within the programme. Courses from outside Graduate School may be included after permission granted by the Graduate School.

7. Guaranteed admission

Students admitted to the programme have guaranteed admission to all core courses within the programme given that the course requirements are fulfilled.

8. Other information

The study programme will be followed up and evaluated in accordance with the applicable Policy for the Quality Assurance and Continuous Quality Improvement of Education at the University of Gothenburg (*Policy för kvalitetssäkring och kvalitetsutveckling av utbildning vid Göteborgs universitet*).