



SCHOOL OF BUSINESS, ECONOMICS AND LAW

Master of Science in Economics, 120 credits

Masterprogram i Nationalekonomi, 120 högskolepoäng

Programme code: S2NAT

Second cycle / Avancerad nivå

1. Confirmation

This programme syllabus was confirmed by the Dean of the Faculty on 10-05-2019 (GU 2019/1588) to be valid from 01-09-2020, Autumn semester 2020.

Responsible Department/Equivalent: Graduate School

2. Purpose

The programme prepares students for advanced work within the field of economics, both in the private and public sectors. In addition, the programme provides a basis for those who want to enter a doctoral programme.

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:

A) The applicant's university education must include:

- i) a minimum of 60 credits in Economics,

- ii) a minimum of 15 credits in Microeconomics (of which at least 7,5 credits is on intermediate level) and
- iii) at least 15 credits in Statistics, or 7.5 credits in Statistics and 7.5 credits in quantitative methods and/or Mathematics.
- iv) at least 7.5 credits in Econometrics/Regression Analysis or equivalent. (These may be included in the general statistics requirement.)

Or

B) The applicant's university education must include at least a Bachelor's Degree (i.e. the equivalent of 180 credits) in Mathematics or in an Engineering programme with a quantitative or mathematical orientation.

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 Economics (Ekonomie masterexamen med huvudområdet Nationalekonomi).

5. Outcomes

Second-cycle study programmes shall involve the acquisition of specialist knowledge, competence and skills in relation to first-cycle courses and study programmes, and in addition to the requirements for first-cycle courses and study programmes shall:

- further develop the ability of students to integrate and make autonomous use of their knowledge,
- develop the students' ability to deal with complex phenomena, issues and situations, and
- develop the students' potential for professional activities that demand considerable autonomy, or for research and development work.

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

Judgement and approach

- demonstrate awareness of ethical issues related to Economics and how their choices affect economic, social and environmental sustainability.

6. Content and structure

The programme covers four academic terms of full-time study (120 hec) including three terms of courses, core (45 credits) and elective (45 credits), (total 90 credits), and one term of Master Degree Project (thesis writing - 30 credits). Of the programmes total 120 credits, at least 90 credits must be in economics. Therefor a minimum of 15 credits of elective courses must be in Economics. Each term is divided into four periods, and each course is 7,5 credits, except where noted.

Core courses

- Mathematics 7,5 credits
- Advanced Microeconomic Theory 7,5 credits
- Graduate Econometrics 7,5 credits
- Advanced Macroeconomic Theory 7,5 credits
- Economic Research Process 7,5 credits
- Applied Econometrics 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 between different academic years. 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 för kvalitetssäkring och kvalitetsutveckling av utbildning vid Göteborgs universitet* (Policy for the Quality assurance and Quality Development of Education at the University of Gothenburg).