

# GSE BSc students information session

22 March 2023



UNIVERSITY OF HELSINKI



Aalto University



HANKEN

# Items

- Helsinki Graduate School of Economics
- GSE for Bachelor-level students
- Master's level education
- Administrative matters

# Helsinki Graduate School of Economics

- Launched in 2018, to enhance highest education and research in economics in Finland
- Member institutions:
  - Aalto University
  - Hanken School of Economics
  - University of Helsinki
  - ... and VATT Institute of Economic Research
- Masters and Doctoral programs
- Research groups
- Public service

# Education with Helsinki GSE

- Use three universities' teaching resources to form education environment with international standards
  - coordination and development of curricula
  - division of labor
  - research supervision
  - administrative services
  - information hub
- At MSc/PhD level
  - ~40 special courses
  - Research Groups
- Note: degrees designed and granted by the member institutions!

# Research Groups

- Interested students may benefit from the activities of Research Groups
- Research Group consist of Helsinki GSE faculty members + students in the field
  1. Public Economics
  2. Macroeconomics
  3. Microeconomics
  4. Labor Economics
  5. Environmental Economics
  6. Industrial Organization
  7. Econometrics
  8. Behavioral Economics
  9. Development Economics
  10. Urban, Regional and International Economics+ Dataroom (as of June 2022; predecessor Helsinki GSE Situation Room)

# Research Group activities

- RGs promote research and teaching in their fields
  - thesis supervision
  - seminars
  - student workshops
  - teaching
  - funding
- Low (non-existent) institutional barriers
- Natural way to integrate to the research community
  - research topics
  - data
  - funding
  - learn to communicate your work!

# GSE for Bachelor-level studies

- Field courses from other universities available
- What is offered in academic year 2022-23 is listed on the webpage:  
<https://www.helsinkigse.fi/studies/courses/target:bachelor-s-students>
  - Changes in Hanken's BSc course offering in academic year 2023-24
- E.g.
  - digital markets from Aalto
  - "Causal inference and data analytics" from Hanken
  - resource economics from Viikki
  - about 10 courses from UoH SocSci (in Finnish mostly)

# Master's programs

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# Tracks

- General track
  - GSE: wide choice of field courses
- Research track
  - Jointly organized core courses (micro, macro, econometrics); take 9 of them
  - Wide choice of field courses

# Core courses

- Advanced Microeconomics 1 (Decision Theory)
- Advanced Microeconomics 2 (Resource Allocation and General Equilibrium)
- Advanced Microeconomics 3 (Game Theory)
- Advanced Microeconomics 4 (Information Economics)
- Advanced Macroeconomics 1 (Introduction to Dynamic Stochastic Equilibrium Modeling)
- Advanced Macroeconomics 2 (Stochastic Recursive Macroeconomic Models)
- Advanced Macroeconomics 3 (Monetary Policy Models)
- Advanced Macroeconomics 4 (Heterogenous agent models with policy applications)
- Advanced Econometrics 1 (Econometric Methods I)
- Advanced Econometrics 2 (Econometric Methods II)
- Advanced Econometrics 3 (Macroeconometrics)
- Advanced Econometrics 4 (Microeconometrics)

# Objectives of Research Master

- Two target audiences
  1. Those who enter the job market
    - allround tools for professional economists
    - merit of its own
  2. Those who enter PhD education
    - tools for research
    - rigor and consistency
    - basis for field studies
- Already the main avenue towards PhD studies in Finland

# Aalto University

- Master's Programme in Economics
  - Director of the program, Juuso Välimäki(juuso.valimaki@aalto.fi)
  - Planning Officer, Elina Yrjänäinen (elina.yrjanainen@aalto.fi)
- Two majors: M.Sc. in Economics and Research M.Sc. In Economics
- M.Sc. in Economics
  - Students of the Bachelor's Programme in Business majoring in Economics and students of the Bachelor's Programme in Economics **can continue their studies directly**
- Research M.Sc. In Economics requires registration
  - Registration by April 30
  - Contact Juuso and Elina for specifics

# Aalto University

- Required courses in RMSc in Economics
  - Advanced microeconomics 1 and 2 (5cr each)
  - Advanced macroeconomics 1 and 2 (5cr each)
  - Advanced econometrics 1 and 2 (5cr each)
  - Math Camp (3cr)
  - Two courses from the following: Advanced microeconomics 3 and 4, Advanced macroeconomics 3 and 4, Advanced econometrics 3 and 4 (5cr each)
- Other studies typically cover additional courses in economics and/or minor studies in mathematics, statistics, data science, finance etc.
- Required courses for M.Sc. In Economics: Microeconomic policy, Macroeconomic policy, Applied econometrics 1.
- Other studies typically cover additional courses in economics and/or minor studies in mathematics, statistics, data science, finance etc.

# Aalto University

- Admission criteria for Research M.Sc. in Economics
- Must have completed the following courses:
  - Intermediate Microeconomics I and II
  - Intermediate Macroeconomics I and II
  - Econometrics I and II
  - Mathematics for Economists
- In general, a minimum grade average of 4.0 in these courses is required
- Students entering the major with a B.Sc. in Economics at another university must demonstrate equivalent qualifications

# Hanken

- Master's Programme in Economics
  - Contact Topi Miettinen / Staffan Ringbom
- Two majors: general M.Sc. in Economics and Research M.Sc. In Economics
- General M.Sc. in Economics
  - Students of the Bachelor's Programme majoring in Economics **continue their studies automatically and directly**
  - Hanken general M. Sc. obligatory courses reflect Hanken research strengths in industrial organization and behavioral economics:
    - Competition economics, Behavioral economics, Applied microeconomics, Applied macroeconomics, Applied empirical methods in economics + electives
- Research M.Sc. in Economics
  - Contact Topi Miettinen by May 30th
  - Access granted based on motivation for abstract research methods / career and success in previous studies

# UH Faculty of Agriculture and Forestry

- Master's programme in Agricultural, Environmental and Resource Economics
  - Director of the program: Leena Rantamäki-Lahtinen ([leena.rantamaki-lahtinen@helsinki.fi](mailto:leena.rantamaki-lahtinen@helsinki.fi))
  - Education planning officer: Simo Riikonen ([simo.riikonen@helsinki.fi](mailto:simo.riikonen@helsinki.fi))
- Three study tracks:
  - 1) Environmental and Resource Economics
  - 2) Agricultural Economics
  - 3) Research Master
- Research Master Track
  - Courses: Advanced Microeconomics 1-2, macroeconomics 1-2, and econometrics 1-2 plus three of the following: Advanced microeconomics 3-4, macroeconomics 3-4 and econometrics 3-4
  - Research master module replaces the regular methods courses
  - Required grade point average: 4.0 for relevant courses. Contact Lassi Ahlvik ([lassi.ahlvik@helsinki.fi](mailto:lassi.ahlvik@helsinki.fi)) for details
  - Registration by April 30



# UH Faculty of Social Sciences

- Master's Programme in Economics
  - Director of the program, Marja-Liisa Halko ([marja-liisa.halko@helsinki.fi](mailto:marja-liisa.halko@helsinki.fi))
  - Education planner, Anna-Liisa Airamo ([anna-liisa.auramo@helsinki.fi](mailto:anna-liisa.auramo@helsinki.fi))
- Two tracks: General Study Track and Research Study Track
  - Instructions: <https://studies.helsinki.fi/ohjeet/artikkeli/jatkaminen-maisteriohjelman>
- General Study Track
  - Students of the Bachelor's Programme in Economics and Bachelor's Programme in Mathematical Sciences (Econometrics Study Track) **can continue their studies directly** in the General Study Track
- Research Study Track
  - Continuing in the Research Study Track requires registration
  - Registration period in the spring: 1–30 April
  - Registration period in the autumn: 1–31 October

# UH, Research Study Track registration requirements

- A maximum of 15 students will be admitted
- Students admitted into the study track must have completed and registered by the end of the registration period the following courses with an average grade, weighted by the number of credits, of at least 4.0 (**the limit is strict**):

Required courses	
TA3a Microeconomics I (5 cr)	Introduction to University Mathematics (5 cr) OR Basics of optimization (5cr)
TA3b Microeconomics II (5 cr)	Limits (5 cr)
TA3c Game Theory (5 cr)	Differential Calculus (5 cr)
TA4a Macroeconomics I (5 cr)	Integral Calculus (5 cr)
TA4b Macroeconomics II (5 cr)	Linear Algebra and Matrices I (5 cr)
TA4c Economic Growth (5 cr)	Probability I (5 cr)
TA7a Econometrics I OR Linear Models I (5 cr)	Probability IIa (5 cr)
TA7b Econometrics II (5 cr)	Statistical Inference I (5 cr)

General track core courses (30 cr)	Research track core courses (45 cr)
Microeconomics 1(5 cr)	Advanced Microeconomics 1(5 cr)
Microeconomics 2 (5 cr)	Advanced Microeconomics 2 (5 cr)
Macroeconomics 1 (5 cr)	Advanced Macroeconomics 1 (5 cr)
Macroeconomics 2 (5 cr)	Advanced Macroeconomics 2 (5 cr)
Econometrics 1 (5 cr)	Advanced Econometrics 1 (5 cr)
<b>One of the following:</b>	Advanced Econometrics 2 (5 cr)
(1) Advanced Econometrics 3: Macroeconometrics (5 cr)	<b>Three of the following:</b>
(2) Advanced Econometrics 4: Microeconometrics (5 cr)	(1) Advanced Microeconomics 3(5 cr)
	(2) Advanced Microeconomics 4 (5 cr)
	(3) Advanced Macroeconomics 3 (5 cr)
	(4) Advanced Macroeconomics 4 (5 cr)
	(5) Advanced Econometrics 3 (5 cr)
	(6) Advanced Econometrics 4 (5 cr)
Four field courses in economics (20 - 24 cr, à 5 - 6 cr)	Three field courses in economics (15 - 18 cr, à 5 - 6 cr)

# Administrative matters

- <https://www.helsinkigse.fi/> provides the most accurate and comprehensive info on GSE courses
- Coordination by Jenni Rytönen ([jenni.rytkonen@aalto.fi](mailto:jenni.rytkonen@aalto.fi))
- Secretary Henna Ahonen ([henna.ahonen@aalto.fi](mailto:henna.ahonen@aalto.fi))

# What to study?

- <https://www.helsinkigse.fi/studies/what-to-study>

# How to enroll in the courses?

- Please see the Helsinki GSE webpage How to enroll in the courses?:  
<https://www.helsinkigse.fi/studies/enrollment>
- New system called "Ristiinopiskelupalvelu (RIPA)" will be integrated into Sisu enabling course enrollment in student's own Sisu
  - might be in use next fall

# Sign up

- **Helsinki GSE mailing lists for students:**
- <https://www.helsinkigse.fi/studies/student-mailing-lists>

# Back to normal

- All teaching in class (Economicum)
- Main rule: in class-teaching for Helsinki GSE students.
  - Exceptions (course-by-course) possible as decision by the teacher.
- Objective
  - Peer-group formation
  - integration to GSE community
- Common working space: computer lab in the 3rd floor of Economicum



HOPE YOU ENJOY YOUR STUDIES HERE