

Welcome Meeting M.SC. Economic Research

October 8, 2020

M.Sc. Economic Research

Overview

- M.Sc. Economic Research as part of **integrated graduate programme**
 - Small group of highly ambitious MSc students
 - Preparing students for subsequent dissertation phase
- Novel programme based on previous Research Track in MSc Econ
 - Core courses based on canonical **PhD education**
 - Electives with topics from our Excellence Cluster ECONtribute
 - Supplementary courses from other programmes (e.g. MSc Econ)

Accreditation of the M.Sc. Economic Research

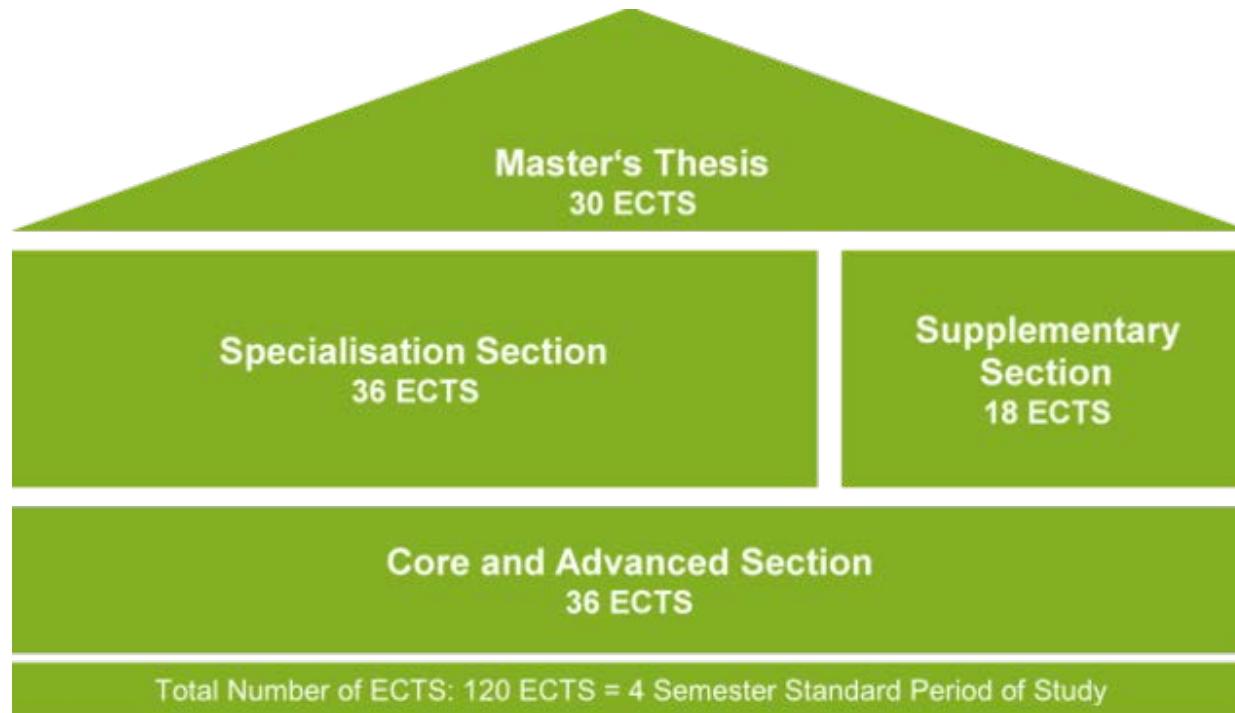
by AQUAS in Summer 2019:

“The study concept is excellent and is oriented towards PhD programs of leading international universities.”



M.Sc. Economic Research

Program Structure



M.Sc. Economic Research

Program Structure

First Year of the Curriculum

- students have to complete 60 ECTS
- includes **core courses** in micro, macro, econometrics and mathematics as well as **specialisation courses** which can be chosen from a set of courses **exclusively** provided for the M.Sc. ER

Second Year of the Curriculum

- third semester (30 ECTS):
 - students have to complete of coursework in the specialisation section
 - three courses in the supplementary section from other MSc programmes, giving the opportunity to develop a specific profile.
- fourth semester: students write and defend their **master thesis** (30 ECTS) that can be the starting point of their first PhD research paper

M.Sc. Economic Research

Core and Advanced Section (36 ECTS)

Group	Module	ECTS	CC/EC	Required	
Core and advance section Economic Research	Core Module Advanced Mathematics	6	P	6	36
	Core Module Advanced Experimental Methods	6	WP	6	
	Core Module Advanced Computational Methods	6	WP		
	Core Module Advanced Microeconomics I	6	WP	6	
	Core Module Advanced Microeconomics II	6	WP		
	Core Module Advanced Macroeconomics I	6	WP	6	
	Core Module Advanced Macroeconomics II	6	WP		
	Core Module Advanced Econometrics I	6	WP	6	
	Core Module Advanced Econometrics II	6	WP		
	Core Module Advanced Experimental Methods	6	WP	6	
	Core Module Advanced Computational Methods	6	WP		
	Core Module Advanced Microeconomics I	6	WP		
	Core Module Advanced Microeconomics II	6	WP		
	Core Module Advanced Macroeconomics I	6	WP		
	Core Module Advanced Macroeconomics II	6	WP		
	Core Module Advanced Econometrics I	6	WP		
	Core Module Advanced Econometrics II	6	WP		

M.Sc. Economic Research

Specialisation Section (36 ECTS)

Group	Module	ECTS	CC/EC	Required	
Specialisation section Economic Research	Specialisation Module Market Design and Mechanism Design	6	WP	24	36
	Specialisation Module Political Economics and Media Economics	6	WP		
	Specialisation Module Advanced Public Economics	6	WP		
	Specialisation Module Advanced Behavioral Economics	6	WP		
	Specialisation Module Frictions, Technology, and Inequality	6	WP		
	Specialisation Module Microeconometrics	6	WP		
	Specialisation Module Time Series Econometrics	6	WP		
	Core Module Advanced Microeconomics I ¹	6	WP		
	Core Module Advanced Microeconomics II ¹	6	WP		
	Core Module Advanced Macroeconomics I ¹	6	WP		
	Core Module Advanced Macroeconomics II ¹	6	WP		
	Core Module Advanced Econometrics I ¹	6	WP		
	Core Module Advanced Econometrics II ¹	6	WP		
	Specialisation Module Selected Issues in Economic Research I	6	WP		
	Specialisation Module Selected Issues in Economic Research II	6	WP		
	Reading Groups Microeconomics	6	WP	12	
	Reading Groups Macroeconomics	6	WP		
	Reading Groups Econometrics	6	WP		

M.Sc. Economic Research

Supplementary Section (18 ECTS)

Group	Module	ECTS	CC/EC	Required	
Supplementary section Economic Research	Specialisation Module Economic Engineering	6	WP	18	18
	Specialisation Module Auction Theory	6	WP		
	Specialisation Module Contract Theory	6	WP		
	Specialisation Module Behavioral Economics	6	WP		
	Specialisation Module Topics in Design and Behavior A	6	WP		
	Specialisation Module Topics in Design and Behavior B	6	WP		
	Specialisation Module Topics in Design and Behavior C	6	WP		
	Specialisation Module Topics in Design and Behavior D	6	WP		
	Specialisation Module Energy Markets and Regulation (Master)	6	WP		
	Specialisation Module Energy, Resources, Environment and the Economy	6	WP		
	Specialisation Module Topics in Energy Markets and Regulation A	6	WP		
	Specialisation Module Topics in Energy Markets and Regulation B	6	WP		
	Specialisation Module Topics in Energy, Resources, Environment and the Economy A	6	WP		

M.Sc. Economic Research

Supplementary Section (18 ECTS)

Specialisation Module Topics in Energy, Resources, Environment and the Economy B	6	WP		
Specialisation Module Foundations in Growth, Labor and Inequality in the Global Economy A	6	WP		
Specialisation Module Foundations in Growth, Labor and Inequality in the Global Economy B	6	WP		
Specialisation Module Foundations in Growth, Labor and Inequality in the Global Economy C	6	WP		
Specialisation Module Topics in Growth, Labor and Inequality in the Global Economy	6	WP		
Specialisation Module Competition Policy	6	WP		
Specialisation Module Specific Markets A	6	WP		
Specialisation Module Specific Markets B	6	WP		
Specialisation Module Topics in Markets and Institutions A	6	WP		
Specialisation Module Topics in Markets and Institutions B	6	WP		
Specialisation Module Topics in Markets and Institutions C	6	WP		
Specialisation Module Economics of Innovation	6	WP		
Specialisation Module Foundations in Macroeconomics, Money and Financial Markets A ¹	6	WP		
Specialisation Module Foundations in Macroeconomics, Money and Financial Markets B ¹	6	WP		
Specialisation Module Foundations in Macroeconomics, Money and Financial Markets C ¹	6	WP		

M.Sc. Economic Research

Supplementary Section (18 ECTS)

Specialisation Module Topics in Macroeconomics, Money and Financial Markets ¹	6	WP		
Specialisation Module Foundations in Macroeconomics and Public Economics A ¹	6	WP		
Specialisation Module Topics in Macroeconomics and Public Economics ¹	6	WP		
Specialisation Module Advanced Statistics (Stochastic Processes)	6	WP		
Specialisation Module Time Series Analysis	6	WP		
Specialisation Module Bayesian Econometrics	6	WP		
Specialisation Module Multivariate Statistics	6	WP		
Specialisation Module Advanced Statistics (Statistical Inference)	6	WP		
Specialisation Module Statistical Analysis of Financial Data	6	WP		
Specialisation Module Topics in Statistics A	6	WP		
Specialisation Module Topics in Statistics B	6	WP		
Specialisation Module Topics in Econometrics C	6	WP		
Specialisation Module Business Ethics	6	WP		
Specialisation Module Strategic Development	6	WP		
Specialisation Module Strategic Human Resource Management	6	WP		
Specialisation Module Strategic Management	6	WP		
Studies Abroad in Economic Research I	6	WP		

M.Sc. Economic Research

Supplementary Section (18 ECTS)

Studies Abroad in Economic Research II	6	WP		
Studies Abroad in Economic Research III	6	WP		
Core Module Political Science I (Master)	6	WP		
Core Module Political Science II (Master)	6	WP		
Core Module Political Science III (Master)	6	WP		
Core Module Political Science IV (Master)	6	WP		
Core Module Political Science V (Master)	6	WP		

M.Sc. Economic Research

Studies Abroad

The WiSo Faculty's Study Abroad Programme (STAP):

Master students should plan and submit their application for a term abroad at the beginning of their master studies.

The STAP main selection round takes place once a year with application deadline December 1st for the following academic year.

Non-WiSo exchange

Central International Office of the University of Cologne offers exchanges within the “fakultätsübergreifende Partnerschaften” framework.

Freemover

Organization of study abroad is done individually.

→ 18 ECTS can be transferred in “Studies Abroad in Economic Research” in the [Supplementary Section](#)

Cologne Graduate School of Economics Facilities

CGS-E provides

- workspaces exclusively for M.Sc. Econ Res students in the SSC
- computers with the opportunity to print material
- student services and advice by CGS-E coordination office
- Small kitchen

CGS-E coordination office

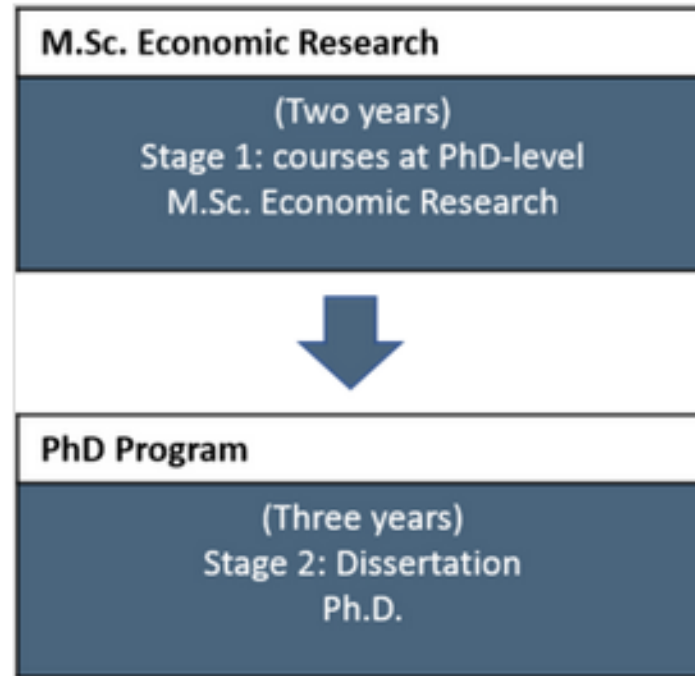
- Coordinator Katharina Laske (maternal leave until Jan 2021)
- Currently replaced by Sabina Haveric and Jan Hartkopf

CGS-E Spokesperson

- Prof. Dr. Johannes Münster

Cologne Graduate School of Economics

Transfer from M.Sc. ER to the Dissertation Phase



Selection procedure with potential supervisors

- Transfer to doctoral positions after successful course programme
- Every year the CGS-E provides a number of doctoral positions

Outlook CGS-E

Dissertation Phase

CGS-E dissertation phase

- Regular seminar participation and presentation
- Participation in summer schools provided by CGS-E or others
- Soft skill courses

Offers

- Funded positions for students who successfully finish M.Sc. ER
- Workshops organized by doctoral students (funded by EXC)
- Funding for research projects (funded by EXC)
- Conference participation (funded by EXC)
- Job market preparation