

Welcome Meeting M.SC. Economic Research

September 22, 2021

M.Sc. Economic Research

Overview

- M.Sc. Economic Research as part of **integrated graduate programme**
 - Exclusive courses for a small group MSc ER (and doctoral students)
 - Preparing students for subsequent dissertation phase
- Novel programme distinct from the MSc Economics Programme
 - 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

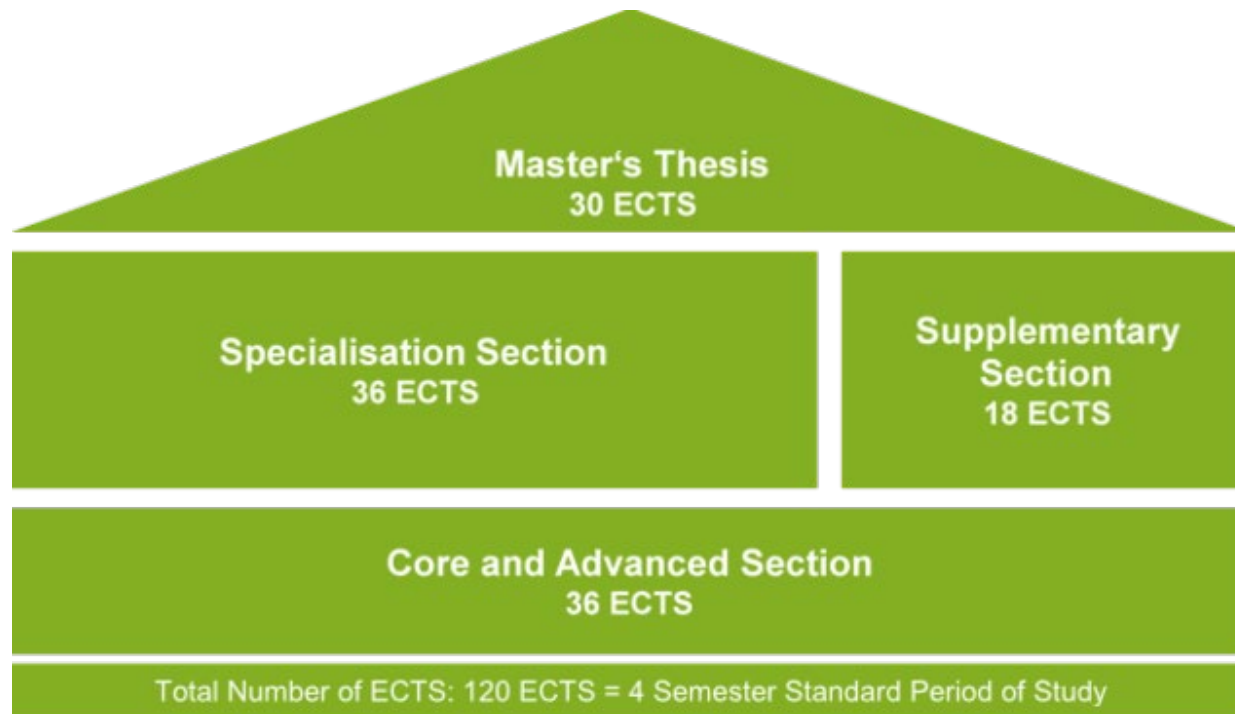
in Summer 2019 with highest ratings: *“The study concept is excellent and is oriented towards PhD programs of leading international universities.”*

Program start in Winter 2019/20 // Third cohort starting in Winter 2021/22



M.Sc. Economic Research

Program Structure



M.Sc. Economic Research

Program Structure

First Year of the Curriculum

- students have to complete 60 ECTS (30 ECTS per semester)
- including
 - **core courses** in methods, micro, macro, econometrics and maths and
 - **specialisation courses** of the MSc. ER and doctoral courses

Second Year of the Curriculum

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

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Core Section (36 ECTS)

Group	Module	ECTS	CC/ EC	Required ECTS	
Core Section Economic Research	CM Advanced Mathematics	6	CC	6	36
	AM Computational Methods	6	EC	6	
	AM Selected Methods in Economics	6	EC		
	CM Advanced Microeconomics I	6	EC	6	
	CM Advanced Microeconomics II	6	EC		
	CM Advanced Macroeconomics I	6	EC	6	
	CM Advanced Macroeconomics II	6	EC		
	CM Advanced Econometrics I	6	EC	6	
	CM Advanced Econometrics II	6	EC		
	AM Computational Methods	6	EC	6	
	AM Selected Methods in Economics	6	EC		
	CM Advanced Microeconomics I	6	EC		
	CM Advanced Microeconomics II	6	EC		
	CM Advanced Macroeconomics I	6	EC		
	CM Advanced Macroeconomics II	6	EC		
	CM Advanced Econometrics I	6	EC		
	CM Advanced Econometrics II	6	EC		

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Specialisation Section (36 ECTS)

Group	Module	EC TS	CC/ EC	Required ECTS	
Specialisation Section Economic Research	SpM Advanced Public Economics	6	EC	24	36
	SpM Advanced Behavioural Economics	6	EC		
	SpM Market Design and Mechanism Design	6	EC		
	SpM Political Economy and Media Economics	6	EC		
	SpM Frictions, Technology, and Inequality	6	EC		
	SpM Empirical Methods and Data Analysis II	6	EC		
	SpM Empirical Methods and Data Analysis III	6	EC		
	CM Advanced Microeconomics I	6	EC		
	CM Advanced Microeconomics II	6	EC		
	CM Advanced Macroeconomics I	6	EC		
	CM Advanced Macroeconomics II	6	EC		
	CM Advanced Econometrics I	6	EC		
	CM Advanced Econometrics II	6	EC		
	SpM Selected Issues in Economic Research I	6	EC		
	SpM Selected Issues in Economic Research II	6	EC		
	SpM Selected Issues in Economic Research III	6	WP		
	SpM Reading Group Microeconomics	6	EC	12	
	SpM Reading Group Macroeconomics	6	EC		
	SpM Reading Group Econometrics	6	EC		

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Supplementary Section (18 ECTS)

Group	Module	ECTS	CC/ EC	Required ECTS
Supplementary Section Economic Research	SpM Advanced Public Economics	6	EC	18
	SpM Advanced Behavioural Economics	6	EC	
	SpM Market Design and Mechanism Design	6	EC	
	SpM Political Economy and Media Economics	6	EC	
	SpM Frictions, Technology, and Inequality	6	EC	
	SpM Market Design and Behaviour I	6	EC	
	SpM Market Design and Behaviour III	6	EC	
	SpM Market Design and Behaviour IV	6	EC	
	SpM Market Design and Behaviour V	6	EC	
	SpM Markets and Economic Policy I	6	EC	
	SpM Markets and Economic Policy II	6	EC	
	SpM Markets and Economic Policy III	6	EC	
	SpM Markets and Economic Policy IV	6	EC	
	SpM Markets and Economic Policy V	6	EC	
	SpM Empirical Methods and Data Analysis I	6	EC	
	SpM Empirical Methods and Data Analysis II	6	EC	
	SpM Empirical Methods and Data Analysis III	6	EC	
	SpM Empirical Methods and Data Analysis IV	6	EC	
	SpM Empirical Methods and Data Analysis V	6	EC	
	SuM Energy and Climate Change I	6	WP	
	SuM Energy and Climate Change II	6	WP	
	SuM Energy and Climate Change III	6	WP	
SuM Energy and Climate Change IV	6	WP		

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Supplementary Section (18 ECTS)

SpM Business Ethics	6	EC
SpM Strategic Development	6	EC
SpM Strategic Human Resource Management	6	EC
SpM Strategic Management	6	EC
CM Comparative Political Economy	6	EC
CM Democratic Theory and Practice	6	EC
CM International Relations	6	EC
CM European Politics	6	EC
CM Comparative Political Institutions	6	EC
SpM Special Topics Political Science I	6	WP
SpM Special Topics Political Science II	6	WP
SpM Applied Theories and Methods Political Science I	6	WP
SpM Applied Theories and Methods Political Science II	6	WP
Studies Abroad I	6	EC
Studies Abroad II	6	EC
Studies Abroad III	6	EC

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Sample Study Plan I

M.Sc. Programme Economic Research						
1. Semester	Core Module Advanced Mathematics CC 1302MBAMT1 6 CP	Core Module Advanced Microeconomics I EC 6 CP	Core Module Advanced Macroeconomics I EC 6 CP	Core Module Advanced Econometrics I EC 6 CP	Specialisation Module (1/4) EC 6 CP	CP 30
2. Semester	Core Module Advanced Methods EC 6 CP	Core Module II EC 6 CP	Specialisation Module (2/4) EC 6 CP	Specialisation Module (3/4) EC 6 CP	Supplementary Module (1/3) EC 6 CP	CP 30
3. Semester	Reading Group (1/2) EC 6 CP	Reading Group (2/2) EC 6 CP	Specialisation Module (4/4) EC 6 CP	Supplementary Module (2/3) EC 6 CP	Supplementary Module (3/3) EC 6 CP	CP 30
4. Semester	Master Thesis Economic Research & Defence CC				24 + 6 CP	CP 30
Sections	Core	Specialisation	Supplementary			

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Sample Study Plan II

M.Sc. Programme Economic Research (with study abroad option)						
1. Semester	Core Module Advanced Mathematics CC 1302MBAMT1 6 CP	Core Module Advanced Microeconomics I EC 6 CP	Core Module Advanced Macroeconomics I EC 6 CP	Core Module Advanced Econometrics I EC 6 CP	Specialisation Module (1/4) EC 6 CP	CP 30
2. Semester	Advanced Methods EC 6 CP	Core Module II EC 6 CP	Specialisation Module (2/4) EC 6 CP	Specialisation Module (3/4) EC 6 CP	Reading Group (1/2) EC 6 CP	CP 30
3. Semester semester abroad	Reading Group (2/2)* EC 6 CP	Specialisation Module (4/4)* EC 6 CP	Studies Abroad in Economic Research I EC 6 CP	Studies Abroad in Economic Research II EC 6 CP	Studies Abroad in Economic Research III EC 6 CP	CP 30
4. Semester	Master Thesis Economic Research & Defence CC				24 + 6 CP	CP 30

Sections Core Specialisation Supplementary

* Individual crediting of successfully completed studies abroad modules is possible.

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Studies Abroad

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

- Students should plan and submit their application for a term abroad at the beginning of their master studies.
- STAP main selection round takes place once a year with application deadline December 1st for the following academic year.
- Amsterdam, Bocconi, Hitotsubashi, Kobe, KU Leuven, Maastricht Warsaw School of Economics

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 directly be transferred in “Studies Abroad in Economic Research” in the [Supplementary Section](#)
- Further credit transfers possible for matched courses (e.g. 12 ECTS)

Cologne Graduate School

Facilities

CGS provides

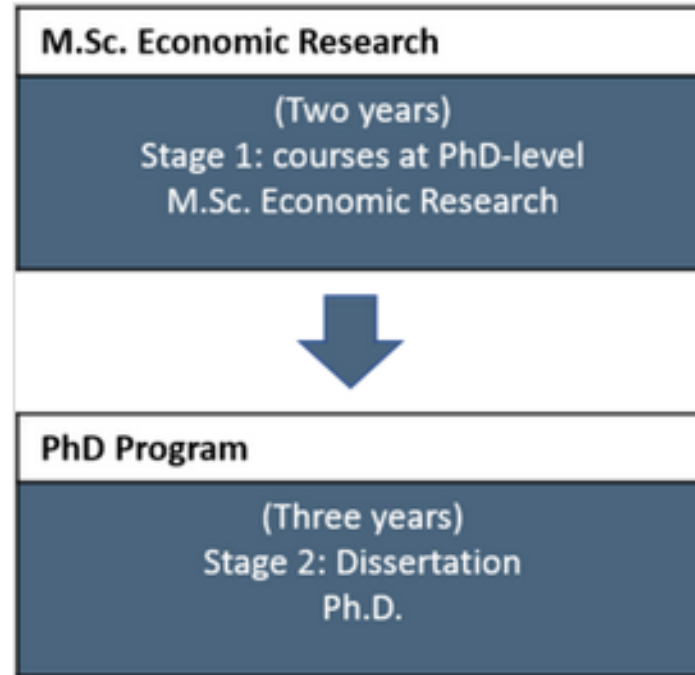
- workspaces exclusively for M.Sc. Econ Res students in the SSC
- computers with the opportunity to print material
- student services and advice by CGS coordination office
- Small kitchen

CGS team

- CGS Director: Prof. Dr. Oliver Gürtler
- Coordination and MSc ER Program Director: Dr. Katharina Laske
- Board member and MSc ER Academic Director: Andreas Schabert

Cologne Graduate School

Transfer from M.Sc. ER to the Dissertation Phase



- Transfer to dissertation phase contingent on successful course phase
- Commitment of a supervisor as a prerequisite for the dissertation phase
- CGS supports matching between students and supervisors

Outlook CGS

Dissertation Phase

Program

- Regular seminar participation and presentation
- Participation in soft skill courses and summer schools

Funding

- Doctoral positions at research centers or chairs at Wiso
- Funding for research projects by research centers or chairs
- Facilities (rooms, IT etc.) at research centers or chairs

Further offers

- Workshops organized by doctoral students
- Conference participation funded by research centers or chairs
- Job market preparation