



UNIVERSITY
OF COLOGNE

FACULTY OF
MANAGEMENT, ECONOMICS
AND SOCIAL SCIENCES

M.SC. ECONOMICS

MASTER WELCOME DAY
FALL TERM 2024/25

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Academic Director, M.Sc. Economics

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Program Director, M.Sc. Economics

What to expect today ...

1. Economics at the University of Cologne
2. Structure of the Economics programme
 - Time line of the programme
 - Fields of specialisation and supplementary section
 - Further options (e.g. studying abroad, optional courses from other programmes)
3. Sample study plan: recommendations for your first semester
4. Your questions and discussion



01

ECONOMICS AT THE UNIVERSITY OF COLOGNE



Economics at University of Cologne

1. Large range of subjects in many areas of microeconomics, macroeconomics, and econometrics and statistics, covered by an internationally known faculty.
1. Broad Areas of Specialisation are:
 - Market Design and Behavior
 - Markets and Economic Policy
 - Empirical Methods and Data Analysis
 - Energy and Climate Change
1. Integration of other Subjects: Management, Political Science and Sociology
2. Faculty is expanding further with **ECONtribute**, the specially funded „Cluster of Excellence“ with University of Bonn. more courses, more fields, more faculty



Job Opportunities with a Master's Degree in Economics

1. Public sector

- Ministries and government agencies (BMW, NRW, KfW, Bafin...)
- Central banks (Bundesbank, ECB, Federal Reserve Banks ...)
- International institutions (EU Commission, WTO, IMF, World Bank ...)
- Research institutes (DIW, Ifo, ZEW,...)
- United Nations (e.g. Climate Change Secretariat in Bonn).

1. Private sector

- Almost every large company
- (Investment) Banks
- Consultancies and Accounting firms
- Economic departments of large enterprises

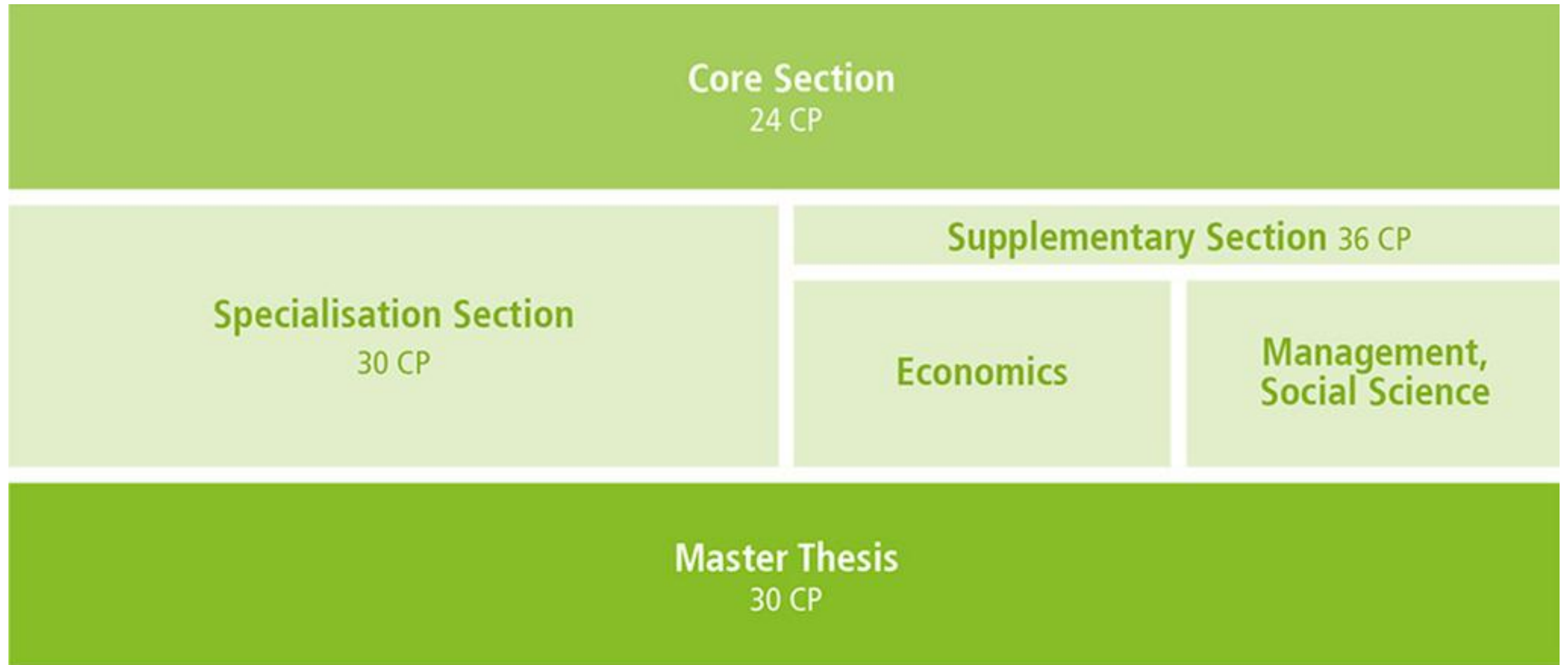


02

STRUCTURE OF THE ECONOMICS PROGRAMME



Programme structure MSc Economics



Structure of the Economics Programme: Modules

1. Start with an introductory Core Section of Modules (i.e., lectures) in the first semester

- Mathematics, Microeconomics, Macroeconomics, Econometrics/Statistics

1. Followed by Specialization Section (lectures and seminars), with three major themes:

- Market Design and Behavior
- Markets and Economic Policy
- Empirical Methods and Data Analysis
- Energy and Climate Change

1. The Supplementary Section in Economics allows you to choose economics modules from any of the above fields and a Supplementary Section in Management and Social Science allows you to choose modules from other areas of the faculty: political science, management, and sociology

Structure of the Economics Programme: Core Section

- Introduction to advanced methods and knowledge common to economists

Group	Module	ECTS	CC/ EC	Required ECTS
Core Section Economics	CM Mathematics	6	CC	24
	CM Microeconomics	6	CC	
	CM Macroeconomics	6	CC	
	CM Econometrics	6	CC	

- All these modules are required and best taken in the first semester
- There is also room for one more course: be sure to choose a course that does not build on the core courses. Best to take one from the supplementary section in other fields

Structure of the Economics Programme: Specialization Section

- 1. Empirical Methods and Data Analysis:** Microeconometrics, Panel Data Analysis, Time Series Econometrics, Statistical Inference, Stochastic Models and Processes, Statistical Analysis of Financial Data, Bayesian Econometrics
- 2. Market Design and Behavior:** Information and Strategy, Economic Engineering, Economics of Innovation, Contract Theory, Auction Theory, Corporate Taxation, ...
- 3. Markets and Economic Policy:** Money and Financial Markets, Growth, Inequality and Structural Change, Development Economics, Macroeconomics of the Labor Market, Growth in Economic History
- 4. Energy and Climate Change:** Energy Markets and Regulation; Growth, Energy, Climate Change; Quantitative Methods in Energy Economics, Climate Change Strategy (Model UNFCCC)
- 5. With of these comes one seminar and one additional methods module:** Experimental Economics, Computational Economics or Empirical Methods

Structure of the Economics Programme: Supplementary Section

- You find here also all of the courses from the specialisation section, so that you can combine your personal specialisation with other specific courses of your interest.
- A second seminar has to be chosen from the supplementary section
- You can also elect selected courses from the **advanced** Research Master in Economics (but do not choose them in the first semester, as they presume advanced methods):

SpM Market Design and Mechanism Design	6	EC
SpM Political Economics and Media Economics	6	EC
SpM Frictions, Technology, and Inequality	6	EC
SpM Advanced Public Economics	6	EC
SpM Advanced Behavioural Economics	6	EC

In the Supplementary Section Management and Social Sciences ...

... you can choose modules from other fields of the Wiso-Faculty

- **Management:** Accounting, Corporate Development, Finance, Marketing, Supply Chain Management, and Information Systems
- **Business Analytics and Econometrics**
- **Political Science**
- **Sociology**
- **And further interesting areas:** Economic Geography, Economic Psychology, and Media and Technology Management

Structure of the Economics Programme: Studies Abroad

- Studies abroad can be integrated into your study plan by a particular module:

Studies Abroad	Studies Abroad in Economics (Master)	18	CC	18
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You can trade courses from the supplementary section Economics with this Study Abroad module

- For a full semester abroad (30 ECTS), 12 extra ECTS credit points can be taken from the supplementary section Management and Social Science.
- You can also take particular courses abroad and have them replace similar course from the specialization or supplementary section

Structure of the Economics Programme: Master Thesis

The Master Thesis is your personal scientific investigation using economic methods

- The topic is found in consultation with your thesis advisor
- 30 credit points
- Duration: six months
- It can be theoretical or empirical research on an interesting economic issue, using the methods acquired during your studies, building on current research

03

RECOMMENDATIONS FOR YOUR STUDY PLAN



Recommendations for your Study Plan

M.Sc. Programme Economics						
1. Semester	<p>Core Module Mathematics</p> <p>CC 1314MBMAT1 6 CP</p>	<p>Core Module Microeconomics</p> <p>CC 1289MBMIC1 6 CP</p>	<p>Core Module Macroeconomics</p> <p>CC 1302MBMAC1 6 CP</p>	<p>Core Module Econometrics</p> <p>CC 1314MBECO1 6 CP</p>	<p>Specialisation Module (1/3)</p> <p>EC 6 CP</p>	<p>CP</p> <p>30</p>
2. Semester	<p>Advanced Module Methods</p> <p>CC 6 CP</p>	<p>Specialisation Module Seminar</p> <p>CC 6 CP</p>	<p>Supplementary Module Economics Seminar</p> <p>CC 1287MESEC1 6 CP</p>	<p>Supplementary Module Economics (1/3)</p> <p>EC 6 CP</p>	<p>Specialisation Module (2/3)</p> <p>EC 6 CP</p>	<p>30</p>
3. Semester	<p>Supplementary Module Management and Social Sciences</p> <p>EC 12 CP</p>		<p>Supplementary Module Economics (2/3)</p> <p>EC 6 CP</p>	<p>Supplementary Module Economics (3/3)</p> <p>EC 6 CP</p>	<p>Specialisation Module (3/3)</p> <p>EC 6 CP</p>	<p>30</p>
4. Semester	<p>Master Thesis Economics</p> <p>CC 1287MMECO1 30 CP</p>					<p>30</p>

Sections Core Specialisation Supplementary



Recommendations for your study plan (with studies abroad)

M.Sc. Programme Economics (with study abroad option)						
1. Semester	<p>Core Module Mathematics</p> <p>CC 1314MBMAT1 6 CP</p>	<p>Core Module Microeconomics</p> <p>CC 1289MBMIC1 6 CP</p>	<p>Core Module Macroeconomics</p> <p>CC 1302MBMAC1 6 CP</p>	<p>Core Module Econometrics</p> <p>CC 1314MBECO1 6 CP</p>	<p>Specialisation Module (1/3)</p> <p>EC 6 CP</p>	<p>CP</p> <p>30</p>
2. Semester	<p>Advanced Module Methods</p> <p>CC 6 CP</p>	<p>Specialisation Module Seminar</p> <p>CC 6 CP</p>	<p>Supplementary Module Economics Seminar</p> <p>CC 1287MESEC1 6 CP</p>	<p>Specialisation Module (2/3)</p> <p>EC 6 CP</p>	<p>Specialisation Module (3/3)</p> <p>EC 6 CP</p>	<p>CP</p> <p>30</p>
3. Semester semester abroad	<p>Supplementary Module Economics – Studies Abroad</p> <p>EC 18 CP</p>		<p>Supplementary Module Management and Social Sciences – Studies Abroad</p> <p>EC 12 CP</p>		<p>CP</p> <p>30</p>	
4. Semester	<p>Master Thesis Economics</p> <p>CC 1287MMECO1 30 CP</p>				<p>CP</p> <p>30</p>	
Sections	Core	Specialisation	Supplementary			



Programme Structure: Practical Issues

- Teaching at the University of Cologne is in presence
 - occasionally, lectures may be held online
- Teaching material will be provided on the Ilias online platform
- Also, the examinations are planned to take place in presence at the university
- Start from week 1: studying, practicing, discussing
 - Some methods and topics require (a lot of) getting used to
 - There may be methods and topics you need to freshen up or catch up with
- Ask the Lecturers questions early on... most lecturers love it.

04

TIME FOR YOUR QUESTIONS AND DISCUSSION



Source: WiSo-Marketing





Source: WiSo-Marketing



Source: WiSo-Marketing

In case of further questions please contact:

WiSo Student Service Point

advice and service in one place

0221 470 8818

Mo - Thu 9 am - 5 pm

Fr 9 am - 4 pm

E-mail via contact form:

www.wiso.uni-koeln.de/enquiry