



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN



Module Handbook

Master's Program: Economics (Master of Science, M.Sc.)

(120 ECTS-Credits)

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Abbreviations and Explanations

ECTS	European Credit Transfer and Accumulation System
h	Hours
SoSe	Summer Semester
SWS	Weekly Semester Hours
WiSe	Winter Semester
WP	Elective Compulsory Module
P	Compulsory Module

1. The modules and their corresponding ECTS-Credits are to be understood as follows: ECTS-Credits with no brackets indicate ECTS-Credits granted upon passing a module examination or partial examination. ECTS-Credits placed within brackets serve a purely calculative function.
2. Please note: the module handbook serves as a point of reference during studies. For binding rules and regulations please rely solely on the valid programme and examination regulations. Please view your area of study under: www.lmu.de/studienangebot

Module: P 1 Microeconomics for Master's Students

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	P 1.1 Microeconomics for Master's Students	WiSe	30 h (2 SWS)	60 h	(3)
Tutorial	P 1.2 Microeconomics for Master's Students	WiSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Compulsory module with a required course.

Rules for Elective Compulsory Module

None

Semester

1

Duration

The module lasts for one semester.

Contents

The objective of this module is to provide the micro-economic foundations that are necessary to the understanding of more specialized further classes in the MSc in Economics. It provides an in-depth treatment of the following topics:

1. Decision Making under Uncertainty
2. Risk Aversion and Risk Sharing
3. Limitations of Expected Utility Theory
4. Demand for Information
5. Games with Complete Information
6. Games with Incomplete Information

Qualification Objectives

It provides a set of general skills and tools that can be applied to a range of academic and professional situations. Equipped with the concepts and formulations covered in this module, students master the language necessary to understand more advanced academic work.

Form of Examination

Written exam

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Microeconomics Teaching Group Coordinator

Teaching Language

English

Additional Information

Textbooks:

(1) Jehle and Reny: Advanced Microeconomic Theory

(2) Kreps (1990): A Course in Microeconomic Theory

(3) Mas-Colell, Whinston and Green: Microeconomic Theory

Module: P 2 Macroeconomics for Master's Students

Program Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	P 2.1 Macroeconomics for Master's Students	WiSe	30 h (2 SWS)	60 h	(3)
Tutorial	P 2.2 Macroeconomics for Master's Students	WiSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type Compulsory module with a required course.

Rules for Elective Compulsory Module None

Semester 1

Duration The module lasts for one semester.

Contents This module provides an introduction to the basic concepts in modern macroeconomics at an advanced level. The course is intended to make students familiar with methods and models used in contemporary research in macroeconomics, with a focus on substance in different areas of macroeconomics. The course is also devoted to providing an introduction in methodological aspects.

1. Facts and Basic Concepts
2. Models of Neoclassical Growth with Infinite Horizon
3. Overlapping Generations
4. Endogenous Economic Growth
5. Model of (Real) Cyclical Fluctuations
6. New Keynesian Models

Qualification Objectives Students will be in the position to understand the core theories in macroeconomics as well as their relation to empirical facts and data. The course will familiarize students with theories to describe and understand the evolution of important aggregate variables such as consumption, output, investment, employment, as well as prices such as interest rates and wages. Students will be able to judge policy measures in a normative way based on the relevant macroeconomic theories.

Form of Examination Written exam

Assessment	The module is graded.
Requirement for Granting of ECTS-Credits	ECTS-Credits are granted upon passing the assigned examination for the module.
Module Coordinator	Macroeconomics Teaching Group Coordinator
Teaching Language	English
Additional Information	Textbooks: (1) D. Romer, Advanced Macroeconomics, McGraw Hill, 5th edition, 2018. (2) D. Acemoglu, Introduction to Modern Economic Growth, Princeton University Press, 2009.

Module: P 3 Mathematics for Economists

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	P 3.1 Mathematics for Economists	WiSe	30 h (2 SWS)	60 h	(3)
Tutorial	P 3.2 Mathematics for Economists	WiSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Compulsory module with a required course.

Rules for Elective Compulsory Module

None

Semester

1

Duration

The module lasts for one semester.

Contents

This module provides the mathematical background for the subsequent study of microeconomics, macroeconomics, and econometrics in the master's science of economics, covering the following topics:

1. Basic logic, Methods of proof, Basic Set Theory.
2. Sequence, Convergence.
3. Real Functions, Continuity, Differentiation, Integration, Ordinary Differential Equations.
4. Linear Algebra, Basis, Dimension, Matrix Operation, Rank, Eigenvalues, Eigenvectors.
5. Optimization, Lagrangian Theorem, Karush-Kuhn-Tucker Theorem, Constraint Qualifications, Slater's Condition, Envelope Theorem.

Qualification Objectives

Students will be comfortable with applying the mathematical tools to learn and apply the economics models and statistical methods in their subsequent study of economics in the master's science of economics.

Form of Examination

Written exam

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Microeconomics Teaching Group Coordinator

Teaching Language

English

Additional Information

Textbooks:

- (1) Rudin, W. (1964). Principles of mathematical analysis (Vol. 3). New York: McGrawhill.
- (2) Guide, A. H. S. (2006). Infinite dimensional analysis. New York: Springer.
- (3) Andreu, M. C., Michael, D. W., & Jerry, R. G. (1995). Microeconomic theory. Oxford University Press.
- (4) Sundaram, R. K. (1996). A first course in optimization theory. Cambridge university press.

Module: P 4 Econometrics for Master's Students

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	P 4.1 Econometrics for Master's Students	WiSe	30 h (2 SWS)	60 h	(3)
Tutorial	P 4.2 Econometrics for Master's Students	WiSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Compulsory module with a required course.

Rules for Elective Compulsory Module

None

Semester

1

Duration

The module lasts for one semester.

Contents

This module offers a formal treatment of modern methods in microeconometrics, including proofs of key results and critical review of the identification assumptions. Models and estimators covered include Ordinary Least Squares (OLS), Generalized Method of Moments (GMM), and Maximum Likelihood (ML), with extensions to panel data and treatment effect estimation.

Qualification Objectives

Students will understand the theoretical underpinnings of modern econometric methods, especially the role of identifying assumptions, and their relevance for empirical studies in various fields of applied economics.

Form of Examination

Written exam

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Econometrics Teaching Group Coordinator

Teaching Language

English

Additional Information

The lecture is self-contained. A textbook reference is J. M. Wooldridge, *Econometric Analysis of Cross Section and Panel*

Data, 2nd Edition, Cambridge, Mass., 2010. Applied work in the tutorials uses the econometrics software Stata or R.

Module: P 5 Public Economics

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	P 5.1 Public Economics	WiSe	30 h (2 SWS)	60 h	(3)
Tutorial	P 5.2 Public Economics	WiSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Compulsory module with a required course.

Rules for Elective Compulsory Module

None

Semester

1

Duration

The module lasts for one semester.

Contents

The module provides advanced treatment of core topics in public economics, with a focus on policy evaluation and optimal policy design. The lecture mainly uses applied theory to cover the following topics:

1. Inequality in earnings
2. Empirical policy evaluation/Marginal value of public funds
3. Income taxation
4. Commodity taxation
5. Capital taxation
6. Inheritance taxation
7. Unemployment insurance

Qualification Objectives

Students are able to conduct positive and normative analysis of tax policy and social insurance. They can derive and interpret key results in public economic theory.

Form of Examination

Written exam

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Public Economics Teaching Group Coordinator

Teaching Language

English

Additional Information

Textbooks:

(1) Myles, G. (2004): Public Economics, Cambridge University Press, Cambridge.

(2) Salanié, B. (2011): The Economics of Taxation, MIT Press, Cambridge.

Module: WP 1 Studies in Economic Theory

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Seminar	WP 1.1 Studies in Economic Theory	WiSe & SoSe	60 h (4 SWS)	210 h	(9)
Tutorial	WP 1.2 Studies in Economic Theory	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 12 ECTS-Credits need to be acquired in this module. Contact hours account for 6 semester hours (SWS). Including self-study, there is a time investment of approx. 360 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

2

Duration

The module lasts for one semester.

Contents

In this module, students acquire advanced knowledge in a specialized area of economic theory. Students are introduced to academic research methods and prepared for their Master's thesis.

Qualification Objectives

Students gain in-depth knowledge in a specialized area of economic theory and learn to apply scientific methods of the field.

Form of Examination

Written assignment and presentation or written exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: WP 2 Studies in Economic Analysis and Empirical Economics

Program Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Seminar	WP 2.1 Studies in Economic Analysis and Empirical Economics	WiSe & SoSe	60 h (4 SWS)	210 h	(9)
Tutorial	WP 2.2 Studies in Economic Analysis and Empirical Economics	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 12 ECTS-Credits need to be acquired in this module. Contact hours account for 6 semester hours (SWS). Including self-study, there is a time investment of approx. 360 hours.

Module Type Elective compulsory module with a required course.

Rules for Elective Compulsory Module The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester 2

Duration The module lasts for one semester.

Contents In this module, students acquire advanced knowledge in a specialized area of empirical research. Students are introduced to academic research methods and prepared for their Master's thesis.

Qualification Objectives Students acquire advanced knowledge in a specialized area of empirical research and learn to apply scientific methods of the field.

Form of Examination Written assignment and presentation or written exam.

Assessment The module is graded.

Requirement for Granting of ECTS-Credits ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator Dean of Studies

Teaching Language English

Additional Information /

Module: WP 3 Topics in Economic Theory Methods

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	WP 3.1 Topics in Economic Theory - Methods	WiSe & SoSe	30 h (2 SWS)	60 h	(3)
Tutorial	WP 3.2 Topics in Economic Theory - Methods	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

2

Duration

The module lasts for one semester.

Contents

This module focuses on methods of modern economic theory. It covers topics that are particularly important for academic work, e.g. in the context of doctoral studies.

Qualification Objectives

Students are introduced to current research topics and methods in economic theory and are prepared for independent academic work in this field.

Form of Examination

Written exam, written assignment, presentation or oral exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: WP 4 Topics in Empirical Economics Methods

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	WP 4.1 Topics in Empirical Economics - Methods	WiSe & SoSe	30 h (2 SWS)	60 h	(3)
Tutorial	WP 4.2 Topics in Empirical Economics - Methods	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

2

Duration

The module lasts for one semester.

Contents

This module covers theoretical and empirical methods at an advanced level to analyze micro- and macroeconomic questions from various areas of economic activity.

Qualification Objectives

Students are enabled to apply theoretical and empirical methods of economics at an advanced level to a broad spectrum of different micro- and macroeconomic questions and to critically examine the methods used.

Form of Examination

Written exam, written assignment, presentation or oral exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: WP 5 Topics in Economic Policy Methods

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	WP 5.1 Topics in Economic Policy - Methods	WiSe & SoSe	30 h (2 SWS)	60 h	(3)
Tutorial	WP 5.2 Topics in Economic Policy - Methods	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

2

Duration

The module lasts for one semester.

Contents

The module provides an in-depth study of public sector economics with a methodological focus. Areas of application are the theoretical and empirical analysis of taxation, social insurance, and public expenditure, and the theory and empirics of government behavior (Political Economy).

Qualification Objectives

Students will be enabled to understand current developments in a selected area of public sector economics and to analyze them using modern theoretical and empirical methods.

Form of Examination

Written exam, written assignment, presentation or oral exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: WP 6 Advanced Economic Research Methods

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	WP 6.1 Advanced Economic Research - Methods	WiSe & SoSe	30 h (2 SWS)	60 h	(3)
Tutorial	WP 6.2 Advanced Economic Research - Methods	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

2

Duration

The module lasts for one semester.

Contents

This research-oriented module focuses on advanced methods in different sub-fields of economics (e.g., game theory, behavioral economics, economic growth and business cycles).

Qualification Objectives

Students are introduced to current research topics and methods in economics and prepared for independent academic work in topical sub-fields.

Form of Examination

Written exam, written assignment, presentation or oral exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: WP 7 Studies in Economic Policy

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Seminar	WP 7.1 Studies in Economic Policy	WiSe & SoSe	60 h (4 SWS)	210 h	(9)
Tutorial	WP 7.2 Studies in Economic Policy	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 12 ECTS-Credits need to be acquired in this module. Contact hours account for 6 semester hours (SWS). Including self-study, there is a time investment of approx. 360 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

3

Duration

The module lasts for one semester.

Contents

In this module, students acquire advanced knowledge in a specialized area of public sector economics. Students are introduced to academic research methods and prepared for their Master's thesis.

Qualification Objectives

Students acquire advanced knowledge in a specialized area of public sector economics and learn to apply scientific methods of the field.

Form of Examination

Written assignment and presentation or written exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: WP 8 Studies in Economic Research

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Seminar	WP 8.1 Studies in Economic Research	WiSe & SoSe	60 h (4 SWS)	210 h	(9)
Tutorial	WP 8.2 Studies in Economic Research	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 12 ECTS-Credits need to be acquired in this module. Contact hours account for 6 semester hours (SWS). Including self-study, there is a time investment of approx. 360 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

3

Duration

The module lasts for one semester.

Contents

In this module, students acquire advanced knowledge in the research methods of the field. Students are introduced to academic research methods and prepared for their Master's thesis.

Qualification Objectives

Students acquire advanced knowledge in the research methods of the field and learn to apply them.

Form of Examination

Written assignment and presentation or written exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: WP 9 Topics in Economic Theory Applications

Program Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	WP 9.1 Topics in Economic Theory - Applications	WiSe & SoSe	30 h (2 SWS)	60 h	(3)
Tutorial	WP 9.2 Topics in Economic Theory - Applications	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type Elective compulsory module with a required course.

Rules for Elective Compulsory Module The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester 3

Duration The module lasts for one semester.

Contents This module focuses on the application of modern economic theory to selected questions in the field. It covers topics that are particularly important for academic work, for example in the context of doctoral studies.

Qualification Objectives Students are introduced to current research topics and methods in economic theory and prepared for independent academic work in this field.

Form of Examination Written exam, written assignment, presentation or oral exam.

Assessment The module is graded.

Requirement for Granting of ECTS-Credits ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator Dean of Studies

Teaching Language English

Additional Information

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Module: WP 10 Topics in Empirical Economics Applications

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	WP 10.1 Topics in Empirical Economics - Applications	WiSe & SoSe	30 h (2 SWS)	60 h	(3)
Tutorial	WP 10.2 Topics in Empirical Economics - Applications	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

3

Duration

The module lasts for one semester.

Contents

In this module, empirical methods of economics are applied at an advanced level to analyze micro- and macroeconomic questions from various areas of economic activity.

Qualification Objectives

Students are enabled to apply theoretical and empirical methods of economics at an advanced level to a broad range of different micro- and macroeconomic questions and to critically examine the methods used.

Form of Examination

Written exam, written assignment, presentation or oral exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: WP 11 Topics in Economic Policy Applications

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	WP 11.1 Topics in Economic Policy - Applications	WiSe & SoSe	30 h (2 SWS)	60 h	(3)
Tutorial	WP 11.2 Topics in Economic Policy - Applications	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

3

Duration

The module lasts for one semester.

Contents

The module provides an in-depth study of public sector economics with an applied focus. Areas of application include methods for economic analysis of taxation theory and empirics, social insurance, public expenditure, and the theory and empirics of government behavior (Political Economy).

Qualification Objectives

Students will be enabled to understand current developments in a selected area of public sector economics and to analyze them using modern theoretical and empirical methods.

Form of Examination

Written exam, written assignment, presentation or oral exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: WP 12 Advanced Economic Research Applications

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Lecture	WP 12.1 Advanced Economic Research - Applications	WiSe & SoSe	30 h (2 SWS)	60 h	(3)
Tutorial	WP 12.2 Advanced Economic Research -Applications	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 6 ECTS-Credits need to be acquired in this module. Contact hours account for 4 semester hours (SWS). Including self-study, there is a time investment of approx. 180 hours.

Module Type

Elective compulsory module with a required course.

Rules for Elective Compulsory Module

The module can be chosen according to the following rules: From the elective compulsory modules WP 1 to WP 12, elective compulsory modules totaling 60 ECTS points must be chosen. Two elective compulsory modules must be chosen from the modules WP 1, WP 2, WP 7 and WP 8. In the 2nd and 3rd semester, elective compulsory modules totaling 30 ECTS credits each must be chosen.

Semester

3

Duration

The module lasts for one semester.

Contents

This research-oriented module focuses on the application of advanced research methods to selected problems in different sub-fields of economics (e.g., game theory, behavioral economics, growth and business cycles).

Qualification Objectives

Students are introduced to current research topics and methods in economics and prepared for independent academic work in topical sub-fields.

Form of Examination

Written exam, written assignment, presentation or oral exam.

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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Module: P 6 Final Module

Program

Master's Program: Economics (Master of Science, M.Sc.)

Module Parts

Type	Course	Cycle	Attendance	Self Study	ECTS
Masterarbeit	P 6.1 Master's Thesis	WiSe & SoSe	-	810 h	(27)
Kolloquium	P 6.2 Colloquium Master's Thesis in Economics	WiSe & SoSe	30 h (2 SWS)	60 h	(3)

A total of 30 ECTS-Credits need to be acquired in this module. Contact hours account for 2 semester hours (SWS). Including self-study, there is a time investment of approx. 900 hours.

Module Type

Compulsory module with a required course.

Rules for Elective Compulsory Module

None

Semester

4

Duration

The module lasts for one semester.

Contents

In this module, the master's thesis demonstrates the ability to do independent scientific work.

The colloquium provides a platform for the scientific exchange of information as well as the opportunity to acquire key qualifications.

Qualification Objectives

Through intensive study of a subject in the Master's thesis as well as the independent application of scientific methods in the subject, students learn to relate and combine the contents of the modules completed during their studies.

Form of Examination

Master's Thesis and Colloquium

Assessment

The module is graded.

Requirement for Granting of ECTS-Credits

ECTS-Credits are granted upon passing the assigned examination for the module.

Module Coordinator

Dean of Studies

Teaching Language

English

Additional Information

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