2026/27

Please keep in mind the year of validity.

FACULTY OF MANAGEMENT, ECONOMICS AND SOCIAL SCIENCES

UNIVERSITY OF COLOGNE

COLOGNE GRADUATE SCHOOL IN MANAGEMENT, ECONOMICS AND SOCIAL SCIENCES

valid for students of the Examination Regulations 2025

(enrolment from winter semester 2025/26)

MODULE CATALOGUE

PhD Programme

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Status	Taking effect on 01/10/2026

List of abbreviations

AM	Advanced module	PR	Project
AS	Assignment	PRES	Presentation
C	Course	SpM	Specialisation module
CC	Compulsory course	SPW	Semester period per week
CH	Contact hours (= time spent in class)	SSt	Self-study
CM	Core module	TP	Term paper
EC	Elective course	TPF	Time required for preparation and follow-up
ECTS	Credit point (ECTS)	TR	Credit points transferred from an-other university
OE	Oral examniation	WL	Workload
PCR	Practical component report	WT	Written test
PO	Portfolio		

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1 PhD Programme

The PhD programme prepares students in particular for a future career in economic research and related disciplines. Graduates are able to understand overall and microeconomic processes and structures, analyze them theoretically and empirically using scientific methods, develop research questions independently and make their own scientific contributions.

1.1 Requirements

The requirements for admission to the PhD study programme are defined in Section 3 of the **Doctoral Regulations for the PhD programme** of the Faculty of Management, Economics and Social Sciences of 11 August 2025 (AM 101/2025) in its currently valid form.

1.2 Programme structure

The PhD programme is modular in its structure and the standard period of study is two terms. Students are required to accumulate 60 ECTS credits. Students first complete the core modules, which contribute a total of 30 ECTS credits. The specialisation section (specialisation modules) comprise 30 ECTS credits and consist of a selection of 4 out of a broad offer of selectable modules which represent the faculty's economic research focus. In addition, one graduate research seminar must be completed, in which students have the opportunity to present their research ideas to a specialist audience. Students can focus on specific topics.

Credit transfer options from PhD courses taken

- **at the WiSo Faculty:**

Students who have taken PhD courses at the WiSo-Faculty already during the master studies can transfer those credits to the PhD programme. For any questions regarding the credit transfers, students can contact the **Central Doctoral Office**.

- **outside the WiSo Faculty:**

The Faculty’s Credit Transfer Centre is responsible for recognising credits accumulated in other institutions. This applies both to credits students have gained at other higher education institutions in Germany or abroad prior to studying at the WiSo Faculty. For more information on credit transfer rules and regulations from PhD courses offered outside the WiSo Faculty, please go to **WiSo Credit Transfer Center** > Information > Studies Abroad. For any questions regarding credit transfer, students can contact the the **WiSo Credit Transfer Center**.

1.3 Modules with mid-term examinations

Some modules have courses that only run for half a term and usually with twice the normal number of classes. For these modules, the term is divided into two roughly equal halves. In the fall, the mid-term usually ends at the beginning of December; in the spring, it is usually in the middle or at the end of May. Often, the examinations for these courses are held mid-term, enabling students to reduce their examination load at the end of term.

The information in the campus management system (KLIPS) regarding the dates of courses and examinations is relevant in this context.

1.4 Rules for failed attempts

Students may retake module examinations that they have failed. The number of attempts is unlimited. Modules offered by faculties other than the Faculty of Management, Economics and Social Sciences (“WiSo Faculty”) may be subject to different rules.

2 Support for students

2.1 Course registration in KLIPS 2.0

KLIPS 2.0 is the central campus management system of the University of Cologne. At the WiSo faculty, KLIPS 2.0 serves as a student organisation tool. Students should use it as an online course catalogue, for registration and deregistration of courses and examinations, as well as an overview of the complete study programme and calendar. Information on current dates and deadlines of the WiSo faculty, as well as video tutorials and FAQs about KLIPS can be found on the homepage of WiSo-KLIPS-Support. If you have further questions, feel free to contact WiSo-KLIPS-Support via **e-mail** (klips-wiso@uni-koeln.de). For account questions, contact the central **KLIPS support**.

2.2 Exam registration in KLIPS 2.0

Examinations on the various programmes are always managed via KLIPS 2.0. Students must register for them within specified deadlines. Please note that registration for courses without restriction on participation via KLIPS and registration for the corresponding module examinations are two completely separate processes. In the case of courses which are subject to a restriction on participation, an examination registration is generally only possible if a registration for the course has been submitted beforehand. Most examinations in written test form are offered twice per term. Often, this will be to “space out” the dates, i.e. students can choose the date that best fits their examination schedule. In some cases, however, the second examination may be a genuine repetition of the first, depending on the department/institute concerned.

All WiSo Faculty examination candidates are entitled to see their examination papers after they have been marked. For more information, please visit the **WiSo Examination Office website**.

2.3 Subject-specific and examination advice

The **CGS** provides general advice on PhD studies and is the first place to turn to for doctoral students with other questions and problems related to their studies. It can be contacted by phone, in person and, of course, via e-mail. The opening hours and contact information can be found on the corresponding website.

Subject-specific advice is provided during the designated consulting hours by the university’s faculty members and associated teaching staff (“akademische Mitarbeiterinnen und Mitarbeiter”) involved in the teaching of the programme. The designated times are announced by means of notices in the institutes and on the departments’/institutes’ websites.

Legally binding information concerning examinations and examination procedures is provided by the **WiSo Faculty Examination Office**.

2.4 Other sources of information and advice

The **WiSo Career Service** offers advice and support, in cooperation with other partners, for students from the WiSo Faculty looking for an internship or profession that is right for them. It also helps them as they plan their career and apply for jobs. In addition, the WiSo Career Service organises seminars, presentations and special events in cooperation with employers and external and internal experts.

The **WiSo IT Service** runs regular courses dealing with standard software and field-specific programmes.

Students who are having difficulties with their studies or their personal lives can seek help from the **Psychosocial Counselling Service** run by the Kölner Studierendenwerk. In addition to counselling, it also provides advice on writing and learning skills plus support for pregnant students and students who have children.

A further service is **Nightline** Köln, the listening and information helpline run by students for students at all of Cologne's institutions of higher education.

The WiSo doctoral students are represented by the the **Doctoral Students Represenatives**. For any information please write an email to them.

3 Curriculum and module descriptions

3.1. Core section

In accordance with the Annex 1 of the Examination Regulations, the PhD student must obtain 30 ECTS credits in the core section.

Group	Module	ECTS	CC/ EC	Required ECTS	
Core Section	CM Advanced Microeconomics	6	CC	6	30
	CM Advanced Econometrics	6	CC	6	
	CM Advanced Macroeconomics	6	CC	6	
	CM Advanced Public Policy	6	CC	6	
	CM Behavioural Economics and Survey Experiments	6	CC	6	

3.2 Specialisation section

In accordance with the Annex 1 of the Examination Regulations, the examination candidate must obtain 30 ECTS credits in the specialisation section, of which one reading group must be taken.

Group	Module	ECTS	CC/EC	Required ECTS	
Specialisation Section	SpM Advanced Mathematics	6	EC	24	30
	SpM Advanced Public Economics	6	EC		
	SpM Behavioural Finance	6	EC		
	SpM Beliefs in the Labour Market	6	EC		
	SpM Economic Design	6	EC		
	SpM Empirical Public Finance and Policy Evaluation	6	EC		
	SpM Energy and Environmental Economics	6	EC		
	SpM Frontiers in Economic Research	6	EC		
	SpM Market Design and Behaviour VI	6	EC		
	SpM Political Economics and Media Economics	6	EC		
	CM People Analytics & Econometrics	6	EC		
	SpM Selected Topics in Economic Research I	6	EC		
	SpM Selected Topics in Economic Research II	6	EC		
	SpM Empirical Methods and Data Analysis II	6	EC		
	SpM Empirical Methods and Data Analysis III	6	EC		
	SpM Selected Methods in Economic Research I	6	EC		
	SpM Selected Methods in Economic Research II	6	EC		
	SpM Graduate Research Seminar: Empirical Microeconomics,	6	EC	6	
	SpM Graduate Research Seminar: Theory, Applied Theory and	6	EC		
	SpM Graduate Research Seminar: Econometrics and Statistics	6	EC		
	SpM Graduate Research Seminar: Energy Economics	6	EC		

3.6 Module descriptions

3.6.1 Core Section

<table>
<tr><th colspan="7">CM Advanced Microeconomics</th></tr>
<tr><td colspan="2">Module Code
1289MBAMIC</td><td>Workload
180h</td><td>ECTS Credits
6</td><td>Module Language
English</td><td>Module Availability
every 2nd term - winter term</td><td>Duration
1 Term</td></tr>
<tr><td>1</td><td colspan="3">Courses
Advanced Microeconomics</td><td>Contact Hours
45h</td><td>Self-Studies
135h</td><td>Course Language
English</td></tr>
<tr><td>2</td><td colspan="6">Module Content
Consumer theory
Supermodularity and monotone comparative statics
Market equilibrium and welfare theorems
Game theoretic equilibrium concepts
Market failure:
• behavioural consumers
• externalities
• market power
• asymmetric information
Supermodular games</td></tr>
<tr><td>3</td><td colspan="6">Learning Objectives
Students...
... understand modern microeconomic concepts.
... practice formal techniques of microeconomic analysis.
... use mathematical models to investigate the efficiency of market outcomes.
... modify these models to recognize their limitations and to analyse the effects of political interventions.
... know and understand the relevant methods and theories for the points mentioned above under "Module content".
...
... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.</td></tr>
<tr><td>4</td><td colspan="6">Teaching and Learning Methods
lecture
practice</td></tr>
<tr><td>5</td><td colspan="6">Module Entry Requirements
Recommendation: Good basic knowledge of microeconomics and mathematics</td></tr>
<tr><td>6</td><td colspan="6">Mode of End-Of-Module Examination
Written test: WT (60)</td></tr>
<tr><td>7</td><td colspan="6">Prerequisites for Awarding of Credit Points
Passing the module examination</td></tr>
<tr><td>8</td><td colspan="6">Other Programmes that Use the Module
Master of Science Economic Research (as of WS 26/27):
Core Section Economic Research</td></tr>
</table>

	Master of Science Economic Research: Core Section Economic Research PhD Programm in Wirtschafts- und Sozialwissenschaften: Core Section Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Core Section Research Economics
9	**Module Manager** Univ.-Prof. Dr. Johannes Münster
10	**Miscellaneous**

CM Advanced Econometrics					
Module Code 1314MBAEME	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - winter term	**Duration** 1 Term
1	**Courses** Advanced Econometrics		**Contact Hours** 60h	**Self-Studies** 120h	**Course Language** English
2	**Module Content** In the course, econometric methods and applications will be presented, students will work with the statistical software R. Topics: Linear regression model Advanced aspects of econometric modelling and theory Estimating treatment effects Big data econometrics Selected (financial) time series models				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... apply methods in pre-structured contexts in a solution-oriented way. ... analyse (current) questions and challenges within the framework of pre-structured contexts. ... shape their learning and working processes independently. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** Recommendation: Knowledge of bachelor's level econometrics and statistics				
6	**Mode of End-Of-Module Examination** Written test: WT (90)				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Core Section Economic Research Master of Science Economic Research: Core Section Economic Research Specialisation Section Economic Research Master of Science Business Analytics & Econometrics: Supplementary Section Business Analytics & Econometrics Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Core Section Research Economics Specialisation Section Research Economics				

	PhD Programm in Wirtschafts- und Sozialwissenschaften: Core Section
9	**Module Manager** Univ.-Prof. Dr. Dominik Wied
10	**Miscellaneous** Textbooks: J.D. Angrist, J.-S.Pischke, Mostly Harmless Econometrics: An Empiricist's Companion. B.E. Hansen, Econometrics

CM Advanced Macroeconomics					
Module Code 1302MBAMAC	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - winter term	**Duration** 1 Term
1	**Courses** Advanced Macroeconomics		**Contact Hours** 60h	**Self-Studies** 120h	**Course Language** English
2	**Module Content** - Dynamic general equilibrium macroeconomics - Long-run equilibria and business cyles - Complete markets, intertemporal allocation and risk sharing - Financial market imperfections and incomplete markets - Fiscal policy and public debt sustainability - Optimal taxation under commitment - Transaction frictions, money demand and price determination - Macroeconomics under nominal rigidities - Monetary policy and inequality - Macroprudential regulation				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... know and understand basic theories in dynamic and monetary macroeconomics. ... choose and use theories in pre-structured contexts (e.g. case studies) in a solution-driven way. ... know and understand common methods in optimal policy analysis. ... apply methods in pre-structured contexts in a solution-oriented way. ... analyse (current) questions and challenges within the framework of pre-structured contexts. ... communicate continuously and purposefully within teaching and learning groups. ... analyse the impact of decisions that consider environmental, economic, social or ethical criteria. ... reflect on current social developments. ... organise their learning and working processes independently. ... use taught techniques of scientific work and good scientific practice. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Written test: WT (90)				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Core Section Economic Research				

	Master of Science Economic Research: Core Section Economic Research Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Core Section
9	**Module Manager** Univ.-Prof. Dr. Andreas Schabert
10	**Miscellaneous** Useful literature: Ljungqvist, Lars and Thomas J. Sargent (2012). Recursive macroeconomic theory. 3rd ed. Cambridge, MA: MIT Press; Gali, J. (2015) Monetary Policy, Inflation, and the Business Cycle An Introduction to the New Keynesian Framework and Its Applications, 2nd ed., Princeton University Press. Schmitt-Grohe, S., and Uribe M. (2017). Open Economy Macroeconomics, Princeton University Press

CM Advanced Public Policy					
Module Code 1302MBAPP1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - winter term	**Duration** 1 Term
1	**Courses** Advanced Public Policy		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language** English
2	**Module Content** Introduction to Optimal Taxation Introduction to the Political Economy of Taxation Introduction to Social Choice Introduction to the Political Economy of the Media Introduction to the main empirical methods in public finance and policy evaluation				
3	**Learning Objectives** Students... ...know and understand the relevant methods and theories for the points mentioned above under "Module content". ... understand the trade-offs that are analyzed in the theory of optimal taxation, in particular, the ... equity-efficiency trade-off ... ... get an overview of what the theory of optimal taxation implies for the taxation of incomes, consumption expenditures and wealth ... ... use simple models to learn the formal, micro-funded analysis of taxes ... ... understand the difference between a welfare economics perspective and a political economy analysis of taxes ... ... learn how to prove median voter theorems ... ... understand key results of Social Choice theory. ... ... get an overview over political participation, descriptive and substantive representation, and political inequality. ... ... understand the economics of the news media and their role in democratic processes. ... ... learn and use formal and empirical methods to analyze political processes. ... ... understand the core empirical methods used to quantify welfare and distributional effects of public policies. ... ... gain fundamental insights into the logic and implementation of structural models in public economics. ... ... learn the “sufficient statistics” approach through simple applications in the context of social insurance. ... ... obtain an overview of the main quasi-experimental research designs applied to income taxation, corporate taxation, tax evasion, and social insurance.				

	... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.
4	**Teaching and Learning Methods** lecture practice
5	**Module Entry Requirements** Recommendation: basic knowledge in Consumer choice, Constrained Optimisation, Game Theory
6	**Mode of End-Of-Module Examination** Written test: WT (60)
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Core Section Economic Research Master of Science Economic Research: Core Section Economic Research Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Core Section
9	**Module Manager** Univ.-Prof. Dr. Felix Bierbrauer Univ.-Prof. Dr. Johannes Münster Univ.-Prof. Dr. Sebastian Siegloch
10	**Miscellaneous**

CM Behavioural Economics and Survey Experiments					
Module Code 1289MBBESE	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - winter term	**Duration** 1 Term
1	**Courses** Behavioural Economics and Survey Experiments		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language**
2	**Module Content** This course introduces students to a recent literature in behavioral economics that has used survey experiments. The course will focus on both methods and applied research using these methods to understand economic decision-making. On the methodological side, the course introduces students to methods such as information provision experiments, the use of open-ended data to measure economic reasoning, or hypothetical vignette studies. The course will then explore research applying these methods to understand belief formation and economic decision making in various areas such as political economics, macroeconomics, finance, labor economics and economics of education. In particular, we will explore the following issues: • Laypeople's mental models in contexts such as education choice, labor supply decisions, decision-making in financial markets, and macroeconomic expectation formation. • Laypeople's economic narratives and their implications for beliefs and decisions in contexts such as job search, inflation or parental leave-taking. • The role of economic beliefs in shaping economic decisions in contexts such as job search, consumption spending, and stock investment. • The determinants and consequences of attention allocation among households and firm managers. The course will cover a total of 12 topics.				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... know and understand basic theories in Behavioural Economics and Survey Experiments. ... know, compare and evaluatecommon methods in Behavioural Economics and Survey Experiments. ... apply methods in pre-structured contexts in a solution-oriented way. ... communicate in English. ... organise their learning and working processes independently. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Written test: WT (60)				

7	**Prerequisites for Awarding of Credit Points** Passing the module examination.
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Core Section Economic Research Master of Science Economic Research: Core Section Economic Research Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Core Section
9	**Module Manager** Univ.-Prof. Dr. Christopher Roth Univ.-Prof. Dr.‘ Sonja Settele Univ.-Prof. Dr. Johannes Wohlfart
10	**Miscellaneous**

3.6.2 Specialisation Section

SpM Advanced Mathematics						
Module Code 1302MSAMT1		**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - winter term	**Duration** 1 Term
1	**Courses** Advanced Mathematics for Economists			**Contact Hours** 45h	**Self-Studies** 135h	**Course Language** English
2	**Module Content** • Overview of elementary mathematical concepts • Metric and standardized spaces • Linear algebra • Differential calculus and applications • Optimization					
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... apply mathematical argumentation and proof techniques correctly. ... formulate economic problems occurring in research mathematically and solve them. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.					
4	**Teaching and Learning Methods** lecture practice					
5	**Module Entry Requirements** none					
6	**Mode of End-Of-Module Examination** Written test: WT (90)					
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.					
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Core Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Core Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section					
9	**Module Manager** Univ.-Prof. Dr. Martin Barbie					

10	**Miscellaneous**

SpM Advanced Public Economics					
Module Code 1302MSAPE1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - winter term	**Duration** 1 Term
1	**Courses** Advanced Public Economics		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language** English
2	**Module Content** Theory of optimal taxation Methods: „Mechanism Design“ and „Tax Perturbations“ Evaluation of tax reforms using „Sufficient Statistics“				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... learn to use the methods of optimal tax theory ... will be able to derive „optimal tax formulas“ ... acquire basic knowledge in „Mechanism Design“ and understand the use of mechanism design approaches in public finance. ... will become familiar with „tax perturbations“, a method that uses tools from the calculus of variations. These tools are used to analyze the welfare implications of tax reforms. ... Acquire an understanding of „sufficient statistics approaches“ in the empirical evaluation of tax reforms. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** Recommendation: CM Microeconomics and CM Advanced Public Policy				
6	**Mode of End-Of-Module Examination** Combined examination: Project work				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination				
8	**Other Programmes that Use the Module** Master of Science Economic Research: Specialisation Section Economic Research Supplementary Section Economic Research Master of Science Economics: Supplementary Section Economics Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				

9	**Module Manager** Univ.-Prof. Dr. Felix Bierbrauer
10	**Miscellaneous**

SpM Behavioural Finance					
Module Code 1289MSBEF1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - summer term	**Duration** 1 Term
1	**Courses** Behavioural Finance		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language**
2	**Module Content** This is an advanced course on Behavioural Finance, which is located at the intersections of economics, finance, psychology, and business. Behavioural finance is not only an active area of frontier academic research, but also interesting and useful to people working in the financial and policy sectors, including ministries, central banks, commercial banks, insurance companies, pension funds, and large brokers. Traditional finance and economic theories assume that economic agents are fully rational, with unlimited cognitive abilities and willpower. However, individuals frequently and systematically make decisions in contradiction with these standard presumptions. This finding has important consequences for the financial decisions taken by households and financial professionals, and ultimately aggregate market outcomes such as prices and trading volume, the emergence of bubbles and financial crises. Behavioural finance is concerned with the study of such “anomalies” in financial decision-making and financial markets. We will explore topics such as biases in financial decision-making and expectation formation, examining their effects on saving behaviour, investment choices, debt behaviour, and consumption patterns, as well as their implications for market-level phenomena like price dynamics. The course will relatively quickly cover foundational concepts across the three subfields: behavioural household finance, behavioural corporate finance, and behavioural asset pricing. We will then proceed to more advanced topics and developments at the research frontier in behavioural finance. There will also be an important focus on methods such as online and field experiments, surveys, quasi-experiments, and more descriptive approaches. The course will cover a total of 11 topics.				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... know and understand basic theories in Behavioural Finance. ... know, compare and evaluatecommon methods in Behavioral Finance. ... apply methods in pre-structured contexts in a solution-oriented way. ... communicate in English. ... organise their learning and working processes independently. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Written test: WT (60)				

7	**Prerequisites for Awarding of Credit Points** Passing the module examination.
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Master of Science Economics: Supplementary Section Economics Master of Science International Management: Supplementary Section International Management Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Political Science: Supplementary Section Political Science PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section
9	**Module Manager** Univ.-Prof. Dr. Johannes Wohlfart
10	**Miscellaneous**

SpM Beliefs in the Labour Market					
Module Code 1287MSBLM1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** irregular	**Duration** 1 Term
1	**Courses** Beliefs in the Labour Market		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language** English
2	**Module Content** This course introduces students to a recent literature at the intersection between behavioral economics and labour economics, with a particular focus on beliefs. The course will focus mostly on applied research using survey-based methods to understand the role of beliefs in the decision-making of job seekers and employed workers. In terms of methods, the course introduces students to approaches such as information provision experiments, the use of open-ended data to measure economic reasoning, or hypothetical vignette studies. The course covers papers on topics such as: - Job seekers beliefs about their earnings potential and implications for job search. - Workers' beliefs about outside options. - Narratives about the reasons for unemployment and implications for the behavior of different agents. - Gender differences in beliefs, preferences and job search.				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... know and understand basic theories in labor economics, in particular job search. ... know, compare and evaluate common methods in studying the role of beliefs in labor markets. ... research, systemise and integrate literature and data material for a scientific work on a selected topic. ... communicate continuously and purposefully within teaching and learning groups. ... present and discuss results with teaching staff and other students. ... communicate in English. ... reflect on their own performance and implement feedback constructively. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Written test: WT (60)				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research:				

	Specialisation Section Economic Research PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section
9	**Module Manager** Univ.-Prof. Dr.‘ Sonja Settele
10	**Miscellaneous**

SpM Economic Design					
Module Code 1289MSECD1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - summer term	**Duration** 1 Term
1	**Courses** Auctions, Markets, Contracts		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language** English
2	**Module Content** • Leading theories of the design of auctions, (matching) markets, and contracts • Practical applications				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories related to the topics listed above under "Contents of the module." ... understand leading theoretical models of mechanism design, both with and without monetary transfers. ... analyse existing mechanism and market designs using a portfolio of theories, experiments, and empirical analyses. ... improve existing mechanism and market designs. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** Recommendation: Basic Knowledge of Game Theory and Mathematics				
6	**Mode of End-Of-Module Examination** Combined examination: Written exam with Term Paper				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Master of Science Economics: Supplementary Section Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				
9	**Module Manager** Univ.-Prof. Dr. Alexander Westkamp				
10	**Miscellaneous**				

<table>
<tr><th colspan="7">SpM Empirical Public Finance and Policy Evaluation</th></tr>
<tr><td colspan="2">Module Code
1287MSEPF1</td><td>Workload
180h</td><td>ECTS Credits
6</td><td>Module Language
English</td><td>Module Availability
every 2nd term - winter term</td><td>Duration
1 Term</td></tr>
<tr><td>1</td><td colspan="3">Courses
Empirical Public Finance and Policy Evaluation</td><td>Contact Hours
45h</td><td>Self-Studies
135h</td><td>Course Language
English</td></tr>
<tr><td>2</td><td colspan="6">Module Content
This course provides an in-depth introduction to modern empirical research in public finance and policy evaluation. The focus is on identifying and quantifying the efficiency, equity, and welfare implications of public policies. Students will learn how to apply and critically assess empirical and structural methods used to analyse taxation, social insurance, and redistribution.
The course is structured around three overarching themes:

• Data and Measurement
o Administrative micro data
o Survey data and preference elicitation
o Inequality measurement and welfare indices
• Quantitative Methods
o Sophisticated correlations and long-run trend analyses
o Quantitative structural models such as spatial equilibrium models (macro) or microsimulation models (micro)
o Experimental approaches (lab, survey, field experiments)
o Quasi-experimental designs (DiD and extensions, RDD, IV)
• Selection substantive Topics in Public Finance (such as)
o Income and Business Taxation
o Inequality and Equality of opportunity
o Tax incidence and pass-through
o Social Insurance
o Labor Market Institutions
o Tax evasion and Enforcement</td></tr>
<tr><td>3</td><td colspan="6">Learning Objectives
Students...
... know and understand the relevant methods and theories for the points mentioned above under "Module content".
... know and understand how to empirically evaluate the efficiency, equity, and welfare effects of public policies.
... Know, compare and evaluate main empirical strategies used in public finance, including experimental and quasi-experimental designs.
... Use and learn to interpret real research micro data for policy evaluation.
... Know and understand the structure and purpose of macro- and micro-structural models used in public economics.
... Know, compare and evaluate identification strategies and the external validity of empirical findings.
... Acquire the skills to replicate empirical studies and to design their own research proposals in empirical public finance.
... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.</td></tr>
<tr><td>4</td><td colspan="6">Teaching and Learning Methods
Research project</td></tr>
</table>

5	**Module Entry Requirements** none
6	**Mode of End-Of-Module Examination** Written test: Portfolio
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section
9	**Module Manager** Univ.-Prof. Dr. Sebastian Siegloch
10	**Miscellaneous**

SpM Energy and Environmental Economics					
Module Code 1289MSEEE1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - summer term	**Duration** 1 Term
1	**Courses** Energy and Environmental Economics		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language** English
2	**Module Content** Energy and Environmental Economics Energy and Environmental Markets and Policy				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... relate to general concepts of behavioral economics and public economics ... analyze existing markets and policies in the areas of energy and the environment … communicate continuously and purposefully within teaching and learning groups. … present and discuss results with teaching staff and other students. … communicate in English. … analyse the impact of decisions that consider environmental, economic, social or ethical criteria. … shape their learning and working processes independently. … use taught techniques of scientific work and good scientific practice. ... identify reference points for their own doctoral research ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Combined examination: presentation with written test				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research: Specialisation Section Economic Research Supplementary Section Economic Research Master of Science Economics: Supplementary Section Economics Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				

9	**Module Manager** Jun.-Prof. Dr. Oliver Ruhnau
10	**Miscellaneous**

SpM Survey Design					
Module Code 1289MSSDE1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - summer term	**Duration** 1 Term
1	**Courses** Survey Design		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language** English
2	**Module Content** The course discusses the methodology of survey design and critically evaluates how survey methods are applied to study topics on the research frontier of economic questions. Advantages and disadvantages of several experimental methods will be covered. By the end of the course, students should be able to autonomously design and conduct surveys and survey experiments to address their own research questions. The course is suited for students with high analytical skills and good English knowledge. High levels of technical skills and motivation are necessary.				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... know, compare and evaluate common methods in Survey Design ... present and discuss results with teaching staff and other students. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Combined examination: presentation with written paper				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				
9	**Module Manager** Univ.-Prof. Dr. Christopher Roth				

10	**Miscellaneous**

SpM Market Design and Behaviour VI					
Module Code 1289MSMDB6	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - summer term	**Duration** 1 Term
1	**Courses** Econometrics for Behavioral Economists		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language** English
2	**Module Content** This module introduces advanced econometric tools for empirical research in behavioural and applied microeconomics. It covers causal inference using experimental and quasi-experimental designs, correct implementation of randomisation and power analysis, handling non-compliance and design uncertainty, and adjustments for multiple testing. It further discusses research planning, pre-analysis plans, scientific conduct and reproducibility. Basic machine-learning methods are introduced to contrast prediction-oriented and causal approaches.				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... understand how experiments and quasi-experimental designs identify causal effects. ... can plan and conduct power analyses and randomisation correctly. ... know how to address non-compliance, design uncertainty and multiple testing. ... are able to critically assess empirical studies and design their own research projects. ... understand the basic principles of machine learning relative to econometric inference. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** Recommendation: Core Module Econometrics				
6	**Mode of End-Of-Module Examination** Combined examination: Project work				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics Master of Science Economics: Specialisation Section Economics Supplementary Section Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				

9	**Module Manager** Univ.-Prof. Dr.‘ Pia Pinger
10	**Miscellaneous**

SpM Political Economy and Media Economics					
Module Code 1302MSPME1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - summer term	**Duration** 1 Term
1	**Courses** Political Economics and Media Economics		**Contact Hours** 45h	**Self-Studies** 135h	**Course Language** English
2	**Module Content** • Aggregation of preferences and information on socially relevant issues • Models of political competition in democracies, e.g. on social issues, taxation and redistribution • Behavioural economic aspects of political competition • Interaction of media markets and politics				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... know classical and current research results in the field of Political Economics. ... understand formal models of political competition in democracies. ... explain empirical findings with the help of these models. ... discuss the current state of research and implications for society. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** Recommendation: CM Advanced Public Policy, Knowledge of game theory, knowledge of consumer behaviour theory				
6	**Mode of End-Of-Module Examination** Written test: WT (90)				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination				
8	**Other Programmes that Use the Module** Master of Science Economic Research: Specialisation Section Economic Research Supplementary Section Economic Research Master of Science Economics: Supplementary Section Economics Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				

9	**Module Manager** Univ.-Prof. Dr. Johannes Münster
10	**Miscellaneous**

CM People Analytics & Econometrics					
Module Code 1253MBPAE1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - winter term	**Duration** 1 Term
1	**Courses** The Empirical Evaluation of Management Practices I		**Contact Hours** 60h	**Self-Studies** 120h	**Course Language** English
2	**Module Content** The modules trains students to analyze company data using statistical software in order to evaluate the impact of management practices.				
3	**Learning Objectives** Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... evaluate their own action processes in self- and external reflection and identify development potentials. ... act responsibly considering ecological, social and ethical criteria. ... develop work processes for real problems and challenges. ... use techniques of scientific work and good scientific practice. ... know and understand the relevant methods and theories for the points mentioned above under "Module content".				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** Recommendation: Basic knowledge of statistics				
6	**Mode of End-Of-Module Examination** Combined examination: Written exam with Projectwork				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination				
8	**Other Programmes that Use the Module** Master of Science Business Administration - Corporate Development: Core Section Corporate Development Master of Science Economic Research: Specialisation Section Economic Research Master of Science Business Analytics & Econometrics: Supplementary Section Business Analytics & Econometrics Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				

9	**Module Manager** Univ.-Prof. Dr. Dirk Sliwka
10	**Miscellaneous**

SpM Empirical Methods and Data Analysis II					
Module Code 1314MSEMD2	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - summer term	**Duration** 1 Term
1	**Courses** a) Microeconometrics b) Machine Learning for Economists c) Topics in Econometrics and Statistics II		**Contact Hours** a) 45h b) 45h c) 45h	**Self-Studies** a) 135h b) 135h c) 135h	**Course Language** a) English b) English c) English
2	**Module Content** a) Microeconometrics • Limited dependent variables • Evaluation of treatment effects (Causal analysis) • Nonparametric density and regression estimation • Quantile and distribution regressions • Panel data • Duration models b) Machine Learning for Economists • Cross Validation, Bias-Variance Tradeoff • Regularization, LASSO, Ridge, Elastic Net • Optimization • Decision trees • Ensemble Learning, Gradient Boosting • Neural Networks • Classification • Text analysis • Causal Machine Learning				
3	**Learning Objectives** Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... use techniques of scientific work and good scientific practice. ... know and understand the relevant methods and theories for the points mentioned above under "Module content".				
4	**Teaching and Learning Methods** lecture				
5	**Module Entry Requirements** Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics				
6	**Mode of End-Of-Module Examination** Combined examination: term paper with presentation Written test: WT (90)				

7	**Prerequisites for Awarding of Credit Points** Passing the examination. Dieses Modul kann mit alternativen Prüfungsformen geprüft werden. Prüfungen zur Lehrveranstaltung Microeconometrics finden in Form einer Klausur (90) statt. Prüfungen zu den Lehrveranstaltungen Machine Learning for Economists sowie Topics in Econometrics and Statistics II finden als kombinierte Prüfung: Hausarbeit mit Referat statt.
8	**Other Programmes that Use the Module** Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Economic Research: Specialisation Section Economic Research Master of Science Wirtschaftsmathematik: Economics Master of Science Mathematik: Economics Master of Science Business Analytics & Econometrics: Supplementary Section Business Analytics & Econometrics Master of Science International Management: Supplementary Section International Management Master of Science Informatik: Anwendungsfeld VWL Master of Science Economics: Specialisation Section Economics Supplementary Section Economics Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Business Analytics & Econometrics: Specialication Section Business Analytics & Econometrics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section
9	**Module Manager** Univ.-Prof. Dr. Dominik Wied Prof. Dr. Tom Zimmermann
10	**Miscellaneous**

SpM Empirical Methods and Data Analysis III					
Module Code 1314MSEMD3	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every 2nd term - summer term	**Duration** 1 Term
1	**Courses** a) Time Series Econometrics b) Stochastic Models and Processes c) Topics in Econometrics and Statistics III		**Contact Hours** a) 45h b) 45h c) 45h	**Self-Studies** a) 135h b) 135h c) 135h	**Course Language** a) English b) English c) English
2	**Module Content** a)Time Series Econometrics: • ARMA Models • State-Space Models • Models for Non-Stationary Time Series • Multivariate Time Series Models • Non-Stationarity in Multivariate Time Series b) Stochastic Models and Processes: • Deepening topics in statistical inference • bootstrap • nonparametric density estimation • nonparametric tests (e.g. for independence) • Brownian motions • Poisson processes • Markov processes				
3	**Learning Objectives** Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... know and understand the relevant methods and theories for the points mentioned above under "Module content".				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** Recommendation: Solid basic knowledge of probability theory				
6	**Mode of End-Of-Module Examination** Written test: WT (90)				
7	**Prerequisites for Awarding of Credit Points** Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.				
8	**Other Programmes that Use the Module** Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Information Systems:				

	Supplementary Section Information Systems Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Economic Research: Specialisation Section Economic Research Supplementary Section Economic Research Master of Science Wirtschaftsmathematik: Economics Master of Science Mathematik: Economics Master of Science Business Analytics & Econometrics: Supplementary Section Business Analytics & Econometrics Master of Science International Management: Supplementary Section International Management Master of Science Informatik: Anwendungsfeld VWL Master of Science Economics: Specialisation Section Economics Supplementary Section Economics Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics Master of Science Business Administration - Marketing: Core Section Marketing Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Business Analytics & Econometrics: Specialication Section Business Analytics & Econometrics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section
9	**Module Manager** Univ.-Prof. Dr. Dominik Wied
10	**Miscellaneous**

SpM Selected Topics in Economic Research I					
Module Code 1287MSSTE1	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** irregular	**Duration** 1 Term
1	**Courses** Selected Topics in Economic Research I		**Contact Hours** 30h	**Self-Studies** 150h	**Course Language** English
2	**Module Content** Topics of Economics				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... acquire knowledge and skills depending on course choice ... present and discuss results with teaching staff and other students. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** seminar				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Combined examination: presentation with written paper				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				
9	**Module Manager** Academic Director MSc Economic Research				
10	**Miscellaneous**				

SpM Selected Topics in Economic Research II					
Module Code 1287MSSTE2	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** irregular	**Duration** 1 Term
1	**Courses** Selected Topics in Economic Research II		**Contact Hours** 60h	**Self-Studies** 120h	**Course Language** English
2	**Module Content** Topics in Economics				
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... acquire knowledge and skills depending on course choice ... present and discuss results with teaching staff and other students. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** lecture practice				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Written test: WT (60)				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				
9	**Module Manager** Academic Director MSc Economic Research				
10	**Miscellaneous**				

SpM Selected Methods in Economic Research I						
Module Code 1287MSSME1		**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** irregular	**Duration** 1 Term
1	**Courses** Selected Methods in Economic Research I			**Contact Hours** 30h	**Self-Studies** 150h	**Course Language** English
2	**Module Content** Methods in Economics					
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... acquire knowledge and skills depending on course choice ... present and discuss results with teaching staff and other students. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.					
4	**Teaching and Learning Methods** seminar					
5	**Module Entry Requirements** none					
6	**Mode of End-Of-Module Examination** Combined examination: presentation with written paper					
7	**Prerequisites for Awarding of Credit Points** Passing the module examination					
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section					
9	**Module Manager** Academic Director MSc Economic Research					
10	**Miscellaneous**					

SpM Selected Methods in Economic Research II						
Module Code 1287MSSME2		**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** irregular	**Duration** 1 Term
1	**Courses** Selected Methods in Economic Research II			**Contact Hours** 60h	**Self-Studies** 120h	**Course Language** English
2	**Module Content** Methods in Economics					
3	**Learning Objectives** Students... ... know and understand the relevant methods and theories for the points mentioned above under "Module content". ... acquire knowledge and skills depending on course choice ... present and discuss results with teaching staff and other students. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.					
4	**Teaching and Learning Methods** lecture practice					
5	**Module Entry Requirements** None					
6	**Mode of End-Of-Module Examination** Written test: WT (60)					
7	**Prerequisites for Awarding of Credit Points** Passing the module examination					
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Specialisation Section Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section					
9	**Module Manager** Academic Director MSc Economic Research					
10	**Miscellaneous**					

SpM Graduate Research Seminar: Empiricial Microeconomics, Public and Behavioural Economics						
Module Code 1289MSGRMI		**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every term	**Duration** 1 Term
1	**Courses** Graduate Research Seminar Empirical Microeconomics, Public and Behavioural Economics			**Contact Hours** 30h	**Self-Studies** 150h	**Course Language** English
2	**Module Content** The content is based on current issues in the literature and the research work and interests of the participants in the field of empiricial microeconomics, public and behavioural economics. The module is intended to prepare and support students' own research in the field of empiricial microeconomics, public and behavioural economics by providing a framework for the presentation and discussion of important contributions from the literature as well as their own research (ideas).					
3	**Learning Objectives** Students... ...know and understand the relevant methods and theories for the points mentioned above under "Module content". ... discuss current research. ... present and evaluate academic papers in the context of the research literature. ... develop their own research designs based on the literature. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.					
4	**Teaching and Learning Methods** seminar					
5	**Module Entry Requirements** none					
6	**Mode of End-Of-Module Examination** Combined examination: presentation with written paper					
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.					
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Proposal Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section					
9	**Module Manager** Academic Director MSc Economic Research					
10	**Miscellaneous**					

SpM Graduate Research Seminar: Theory, Applied Theory and Macroeconomics					
Module Code 1302MSGRMA	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every term	**Duration** 1 Term
1	**Courses** Graduate Research Seminar Theory, Applied Theory and Macroeconomics		**Contact Hours** 30h	**Self-Studies** 150h	**Course Language** English
2	**Module Content** The content is based on current issues in the literature and the research work and interests of the participants in the field of macroeconomics. The module is intended to prepare and support students' own research in the field of macroeconomics by providing a framework for the presentation and discussion of important contributions from the literature as well as their own research (ideas).				
3	**Learning Objectives** Students... ...know and understand the relevant methods and theories for the points mentioned above under "Module content". ... discuss current research. ... present and evaluate academic papers in the context of the research literature. ... develop their own research designs based on the literature. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** seminar				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Combined examination: presentation with written paper				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Proposal Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				
9	**Module Manager** Academic Director MSc Economic Research				
10	**Miscellaneous**				

SpM Graduate Research Seminar: Econometrics and Statistics					
Module Code 1314MSGREC	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every term	**Duration** 1 Term
1	**Courses** Graduate Research Seminar Econometrics and Statistics		**Contact Hours** 30h	**Self-Studies** 150h	**Course Language**
2	**Module Content** The content is based on current issues in the literature and the research work and interests of the participants in the field of econometrics and statistics. The module is intended to prepare and support students' own research in the field of econometrics and statistics by providing a framework for the presentation and discussion of important contributions from the literature and recent external research projects as well as their own research (ideas).				
3	**Learning Objectives** Students... ...know and understand the relevant methods and theories for the points mentioned above under "Module content". ... discuss current research. ... present and evaluate academic papers in the context of the research literature. ... develop their own research designs based on the literature. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** seminar				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Combined examination: presentation with written paper				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Proposal Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				
9	**Module Manager** Department of Econometrics and Statistics				
10	**Miscellaneous**				

SpM Graduate Research Seminar: Energy Economics					
Module Code 1289MSGREE	**Workload** 180h	**ECTS Credits** 6	**Module Language** English	**Module Availability** every term	**Duration** 1 Term
1	**Courses** Graduate Research Seminar: Energy Economics		**Contact Hours** 30h	**Self-Studies** 150h	**Course Language** English
2	**Module Content** The content is based on current issues in the literature and the research work and interests of the participants in the field of energy economics. The module is intended to prepare and support students' own research in the field of energy economics by providing a framework for the presentation and discussion of important contributions from the literature as well as their own research (ideas).				
3	**Learning Objectives** Students... ...know and understand the relevant methods and theories for the points mentioned above under "Module content". ... discuss current research. ... present and evaluate academic papers in the context of the research literature. ... develop their own research designs based on the literature. ... ... The module is successfully completed through a competency-based exam format stated below in part 6. The exam format is defined in paragraph 12 of the exam regulations.				
4	**Teaching and Learning Methods** seminar				
5	**Module Entry Requirements** none				
6	**Mode of End-Of-Module Examination** Combined examination: presentation with written paper				
7	**Prerequisites for Awarding of Credit Points** Passing the module examination.				
8	**Other Programmes that Use the Module** Master of Science Economic Research (as of WS 26/27): Specialisation Section Economic Research Master of Science Economic Research: Specialisation Section Economic Research Research in Management, Economics and Social Sciences - Volkswirtschaftslehre: Proposal Research Economics PhD Programm in Wirtschafts- und Sozialwissenschaften: Specialisation Section				
9	**Module Manager** Univ.-Prof. Dr. Marc Oliver Bettzüge				
10	**Miscellaneous**				