

**2022/23**

Please keep in mind the year of validity.

FACULTY OF MANAGEMENT,  
ECONOMICS AND SOCIAL  
SCIENCES

UNIVERSITY OF COLOGNE

VICE DEAN OF STUDIES  
DEPARTMENT

Valid for students of the  
Examination Regulations  
2015

(enrolment for  
winter semester 2020/21 at  
the latest)



# MODULE CATALOGUE

Economic Research

MASTER OF SCIENCE

IN ACCORDANCE WITH THE EXAMINATION REGULATIONS FOR THE SINGLE MAJOR  
MASTER PROGRAMME IN ECONOMIC RESEARCH

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<b>Status</b>	Taking effect on 01/10/2022

**List of abbreviations**

AM	Advanced module	PRES	Presentation
AS	Assignment	PRP	Project Report
C	Course	SI	Studium Integrale
CC	Compulsory course	SM	Specialisation module
CH	Contact hours (= time spent in class)	SPM	Supplementary module
CM	Core module	SPW	Semester period per week
CP	Credit Points (ECTS)	SSt	Self-study
CS	Case Study	TP	Term paper
EC	Elective Course	TPF	Time required for preparation and follow-up
OE	Oral examination	TR	Credit points transferred from another university
PCR	Practical component report	WL	Workload
PO	Portfolio	WT	Written test
PR	Project		

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# 1 Economic Research

The Master's programme in Economic Research prepares students in particular for a future career in economic research. Graduates are able to understand overall and microeconomic processes and structures, analyse them theoretically and empirically using scientific methods, develop research questions independently and make their own scientific contributions.

## 1.1 Content and objectives of the programme

The graduates have competences at level 7 of the German Qualification Framework or the Master level of the German Qualification Framework for Higher Education. The specific "Programme Intended Learning Outcome" (PILO) are formulated as follows:

<b>Graduates...</b>
<b>Knowledge and understanding</b>
... evaluate and discuss advanced microeconomic theories and methods.
... evaluate and discuss advanced macroeconomic theories and methods.
... master mathematical theories and methods and apply them to solve economic problems.
... master experimental, econometric and numerical methods for the evaluation of causal relationships.
<b>Use, application and generation of knowledge</b>
... evaluate and discuss advanced microeconomic theories and methods.
... analyse current research ideas in the field of market design and behavioural economics.
... discuss positive and normative issues in political economy and finance.
... investigate the instability of financial markets and develop corresponding approaches.
... prepare a scientific paper on a selected topic and make an independent scientific contribution.
<b>Communication and cooperation</b>
... present and discuss economic topics with explicit research relevance.
... question and reflect on current political and social developments with regard to potential research projects.
<b>Scientific self-conception / professionalism</b>
... take a stand on responsible action in consideration of social, ethical and ecological criteria.
... design their learning and working processes independently.
... assess their own learning process in self-reflection, grasp development potentials and implement feedback constructively.

With the acquired competences, graduates have the opportunity to do a doctorate in the field of economics. Due to their distinctive knowledge of methods, graduates are also qualified for other activities which require a classical economic study. They have a wide range of employment opportunities in specifically economic fields of public institutions: Ministries, central banks, offices and authorities (such as antitrust authorities or regulatory authorities), European institutions (such as the EU Commission), international institutions (such as OECD, IMF or World Bank). In addition, research institutions and economic departments of private institutions (banks, consulting firms, large industrial enterprises, associations, media) offer fields

of employment. A combination of certain specialisation modules (e.g. microeconomics, macroeconomics, media or financial market economics) with supplementary business management modules opens up additional opportunities on a job market in the field of business administration. Fields of activity can also be found in consulting companies, scientific research institutes or universities. In addition to a relevant Bachelor's degree, the requirements for admission listed in the regulations for determining special suitability must be fulfilled.

## 1.2 Requirements

To be accepted for the Master's programme in Economic Research, applicants must have successfully completed a bachelor programme in which they earned at least 180 ECTS credit points, or an equivalent programme. In accordance with the regulations concerning determination of aptitude for the Economics Research programme (Ordnung zur Feststellung der besonderen Eignung für den Studiengang Economic Research) a programme is deemed successfully completed if the overall mark was at least 2.5 or international equivalent.

The Bachelor programme must also comply with the following subject-related criteria:

### Variant a)

- at least 18 ECTS credits in the field of Statistics and/or Mathematics and/or Econometrics at the level of the following modules in B.Sc. Economics at the WiSo Faculty of the University of Cologne:
  - Core Module Statistics
  - Advanced Module Statistics
  - Core Module Mathematics
  - Advanced Module Econometrics
- at least 48 ECTS credits in the field of Economics at the level of the Core and Advanced Section in B.Sc. Economics at the WiSo Faculty of the University of Cologne

### or Variant b)

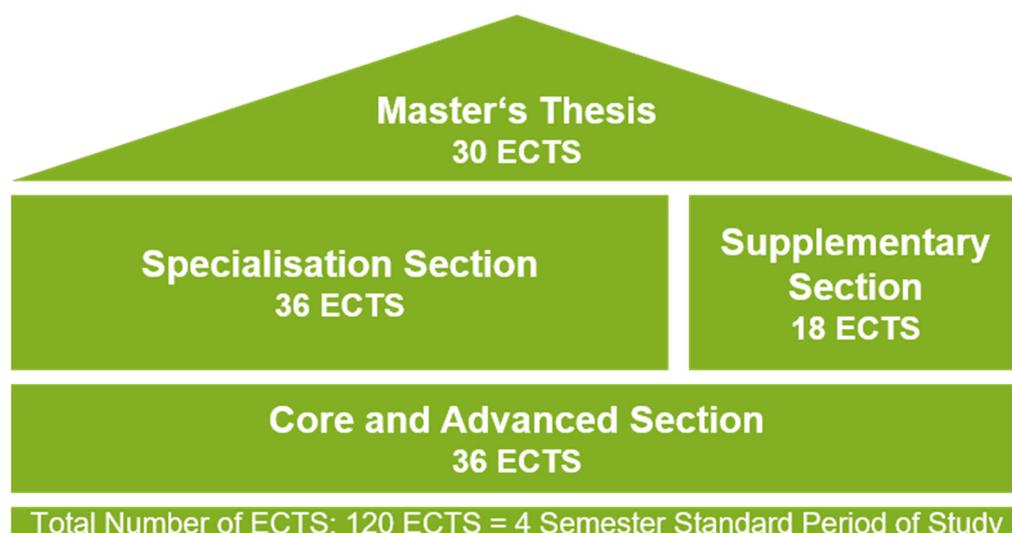
- at least 48 ECTS credits in the field of theoretical Mathematics, Statistics or Econometrics.
- at least 20 ECTS credits in the field of Economics at the level of the Core and Advanced Section in B.Sc. Economics at the WiSo Faculty of the University of Cologne

Proof of English language skills to at least C1 in line with the Common European Framework of Reference for Languages must also be supplied by the deadline for application. The generally established certificates (TOEFL, IELTS, etc.) are accepted.

If the number of applicants who meet the admission requirements is higher than the number of places available of the programme, a selection process is conducted to rank the applicants. The selection procedure is based on the result of the applicant's bachelor degree or of a degree recognised as being equivalent and the result of a voluntary study aptitude test (GRE).

### 1.3 Programme structure

The master programme is modular in its structure and the standard period of study is four terms. Students are required to accumulate 120 ECTS credits. Students first complete the core modules, which contribute a total of 36 ECTS credits. In the supplementary section (supplementary modules), students can complete 18 ECTS credits of the regular Master's programme Economics of the faculty. The specialisation section (specialisation modules) comprise 36 ECTS credits and consist of a selection of 4 out of 6 selectable modules which represent the faculty's economic research focus. In addition, two reading groups must be completed, in which students have the opportunity to present their research ideas to a specialist audience. Students can focus on specific topics. For the final Master's thesis and its defence, 30 LPs are planned.



### 1.4 Study Abroad Option

The WiSo Faculty offers a broad range of study abroad options within an excellent network of prestigious partner universities worldwide. The so-called Study Abroad Programme (STAP) includes ERASMUS exchanges and provides an opportunity for a single term stay at one of the WiSo Faculty's partner universities.

Successful STAP applicants benefit from direct contact and organisational support at the partner university and are exempt from paying tuition fees there. The range of universities

available depends on the master programme in which the student is enrolled – the possible options are listed in the **WiSo EXchange (WEX) International Outgoings Portal** (access through the student's UoC account only), along with detailed information on each university.

In addition to these options offered by the Faculty, master students can also apply for a non-WiSo exchange, offered by Dezernat 9 – Internationales (Central International Office of the University of Cologne) within the 'fakultätsübergreifende Partnerschaften' framework. Further possibilities are going abroad as a freemover (i.e. as a student who organises his or her stay abroad individually) or participating in short-term courses or summer schools offered under separate terms and conditions.

For all study abroad options, the **International Relations Center (ZIB WiSo)** serves as point of information and advice.

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

Master students should plan and submit their application for a term abroad at the beginning of their master course. The STAP main selection round takes place once a year with application deadline 15 January and allows for an application either for fall term or spring term of the following academic year. Detailed information on the selection criteria and the best preparation for a STAP application can be found online in the **STAP Master Application Manual**. (As an exception, if a certain number of slots are still available for spring term, a secondary STAP selection round will be offered in May, with a limited choice of exchange opportunities):

#### STAP Master – main selection round (fall term and spring term)



\* Alternative offer: if no offer can be given at one of the five preferred universities and if slots at other universities are available.

\*\* End of main selection round. In case any exchange slots become available after 15 March, these slots will be made available in a secondary selection round.

#### STAP Master – secondary selection round (for spring term only)

Please note: there is no guarantee that a secondary selection round will take place every year, nor should a wide range of exchange opportunities be expected.



\* Deadline for handing in TOEFLS/IELTS results (if taken until 1 June): 15 June. \*\* Alternative offer: if no offer can be given at one of the five preferred universities and if slots at other universities are available.

### 1.5 Sample study plans

M.Sc. Economic Research				
Sem.	EC/CC	Modul	Bereich	LP
1	CC	CM Advanced Mathematics	Core Section	6
1	EC	CM Advanced Microeconomics I	Core Section	6
1	EC	CM Advanced Macroeconomics I	Core Section	6
1	EC	CM Advanced Econometrics I	Core Section	6
1	EC	AM Computational or AM Selected Methods in Economics	Core Section	6
				30
2	EC	Core Module II	Core Section	6
2	EC	Specialisation Module I	Specialisation Section	6
2	EC	Specialisation Module II	Specialisation Section	6
2	EC	Reading Group I	Specialisation Section	6
2	EC	Reading Group II	Specialisation Section	6
				30
3	EC	Supplementary Module I	Supplementary Section	6
3	EC	Supplementary Module II	Supplementary Section	6
3	EC	Supplementary Module III	Supplementary Section	6
3	EC	Specialisation Module III	Specialisation Section	6
3	EC	Specialisation Module IIV	Specialisation Section	6
				30
4	CC	Master's Thesis Economic Research & De- fense	Master's Thesis	24 + 6
				30

### 1.6 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.

## 2 Support for students

### 2.1 Calculation of the overall mark

The marks for core and advanced, supplementary as well as specialisation sections are calculated as the weighted arithmetic mean of the marks for the respective modules, based on the weighting system described in the annexes. In the case of end-of-module examinations consisting of several components, the mark for the module is calculated as specified in the annex.

The overall mark for the degree is calculated as the weighted arithmetic mean of the marks for the subject categories and the mark for the master's thesis. On the Economic Research programme, the weighting for the contributions to the overall mark is as follows:

- a) Mark for core section: 36 out of 120 LP
- b) Mark for specialisation section: 36 out of 120 LP
- c) Mark for supplementary section: 18 out of 120 LP
- d) Mark for master's thesis and defence: 30 out of 120 LP

### 2.2 Rules for failed attempts

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

After failing an exam three times, the **WiSo Student Service Point (WiSSPo)** provides information regarding the possibility and the requirements to receiving additional resit attempts. If none of the first three examination attempts were failed due to cheating or to an offence, further two resit attempts can be granted at any point of the programme. Students who have accumulated at least 90 credit points can be granted a further additional attempt. If a student fails an examination in the two additional attempts and the extra attempt for students with 90 points or more, they are deemed to have failed the programme at the final attempt. Where a module examination consists of several components, the candidate must obtain a "bestanden" (pass) mark, or at least an "ausreichend (4,0)" (sufficient) mark, in all of the examination components. All components marked "mangelhaft (5,0)" or "nicht bestanden" (fail) must be retaken.

It is not possible to resit module examinations that have already been passed.

A failed master's thesis can be retaken once, with a new topic. Students must register for their second attempt within six months of the result of their first attempt being announced.

### 2.3 Subject-specific and examination advice

The **WiSSPo** provide general advice on studies, including the possibilities available and the requirements for all programmes offered by the WiSo Faculty. Further services include the issuing of transcripts of records in German and English, ranking certificates and letters of assignment to the appropriate term of the programme and the application for advanced / higher semester. The **WiSSPo** is also the first place to turn to for 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 Mitarbeiter/innen) 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 Offices**.

### 2.4 Other sources of information and advice

**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**.

International students who study at the WiSo Faculty for part of their programme can turn to the **International Relations Center** ("**Zentrum für Internationale Beziehungen**" or "**ZIB**") for help with any questions they have. Cologne University students preparing to study abroad can also contact the ZIB for support. The center also runs a variety of summer schools, short programmes and Business English courses. The services, courses and people to contact can all be found on the website.

The Faculty's **Credit Transfer Centre (Zentrum für die Anrechnung auswärtiger Leistungen)** 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, and to (advance) transfer of credits that students plan to accumulate abroad or have already accumulated abroad as part of a WiSo

Faculty programme. This system eliminates the need to make individual inquiries to departments/institutes and examination offices. Students can find out everything they need to know about the transfer process on the corresponding website.

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 student council represents the interests of all students from the WiSo faculty. In addition to advice from fellow students it also provides a variety of useful services for studying at the WiSo faculty. Any information can be found at **wiso-buero.de** or by directly writing an email to **wiso-buero@uni-koeln.de**.

### 3 Curriculum and module descriptions

#### 3.1 Core and advanced section

In accordance with paragraph 30b (1), No. 1 of the Examination Regulations, the examination candidate must obtain 36 ECTS credits in the core section.

Group	Module	ECTS	CC/EC	Required	
Core and advance section Economic Research	CM Advanced Mathematics	6	CC	6	36
	AM Computational Methods <sup>1</sup>	6	EC	6	
	AM Selected Methods in Economics	6	EC		
	CM Advanced Microeconomics I	6	EC	6	
	CM Advanced Microeconomics II	6	EC		
	CM Advanced Macroeconomics I	6	EC	6	
	CM Advanced Macroeconomics II	6	EC		
	CM Advanced Econometrics I	6	EC	6	
	CM Advanced Econometrics II	6	EC		
	AM Computational Methods <sup>1</sup>	6	EC	6	
	AM Selected Methods in Economics	6	EC		
	CM Advanced Microeconomics I	6	EC		
	CM Advanced Microeconomics II	6	EC		
	CM Advanced Macroeconomics I	6	EC		
	CM Advanced Macroeconomics II	6	EC		
	CM Advanced Econometrics I	6	EC		
	CM Advanced Econometrics II	6	EC		

<sup>1</sup> No examination registration possible, if the core module Methods (1289BMMe00) has already been passed.

### 3.2 Specialisation section

In accordance with paragraph 30b (1), No. 2 of the Examination Regulations, the examination candidate must obtain 36 ECTS credits in the specialisation section.

Group	Module	ECTS	CC/EC	Required	
Specialisation section Economic Research	SpM Advanced Public Economics	6	EC	24	36
	SpM Advanced Behavioural Economics	6	EC		
	SpM Market Design and Mechanism Design	6	EC		
	SpM Political Economy and Media Economics	6	EC		
	SpM Frictions, Technology, and Inequality	6	EC		
	SpM Empirical Methods and Data Analysis II	6	EC		
	SpM Empirical Methods and Data Analysis III	6	EC		
	AM Computational Methods <sup>1</sup>	6	EC		
	AM Selected Methods in Economics	6	EC		
	CM Advanced Microeconomics I	6	EC		
	CM Advanced Microeconomics II	6	EC		
	CM Advanced Macroeconomics I	6	EC		
	CM Advanced Macroeconomics II	6	EC		
	CM Advanced Econometrics I	6	EC		
	CM Advanced Econometrics II	6	EC		
	SpM Selected Issues in Economic Research I	6	EC		
	SpM Selected Issues in Economic Research II	6	EC		
	SpM Selected Issues in Economic Research III	6	EC		
	SpM Reading Group Microeconomics	6	EC	12	
	SpM Reading Group Macroeconomics	6	EC		
	SpM Reading Group Econometrics	6	EC		

<sup>1</sup> No examination registration possible, if the core module Methods (1289BMMe00) has already been passed.

### 3.3 Supplementary section

In accordance with paragraph 30b (1) No. 3 of the Examination Regulations, the examination candidate must obtain 18 ECTS credits in a sub-group of the supplementary section.

Group	Module	ECTS	CC/EC	Required	
Supplementary section Economic Research	Specialisation Module Behavioral Economics	6	EC	18	18
	Specialisation Module Topics in Design and Behavior A	6	EC		
	Specialisation Module Topics in Design and Behavior B	6	EC		
	Specialisation Module Topics in Design and Behavior C	6	EC		
	Specialisation Module Topics in Design and Behavior D	6	EC		
	SuM Energy and Climate Change I	6	EC		
	SuM Energy and Climate Change II	6	EC		
	SuM Energy and Climate Change III	6	EC		
	SuM Energy and Climate Change IV	6	EC		
	SpM Markets and Economic Policy I	6	EC		
	SpM Markets and Economic Policy II	6	EC		
	SpM Markets and Economic Policy III	6	EC		
	SpM Markets and Economic Policy IV	6	EC		
	SpM Markets and Economic Policy V	6	EC		
	Specialisation module Competition Policy	6	EC		
	SpM Media Economics	6	EC		
	CM Health Economics III	6	EC		
	Specialisation module Topics in Markets and Institutions A	6	EC		
	Specialisation Module Topics in Markets and Institutions B	6	EC		
	SpM Market Design and Behaviour I	6	EC		
	SpM Market Design and Behaviour V	6	EC		
	SpM Empirical Methods and Data Analysis I	6	EC		
	SpM Empirical Methods and Data Analysis III	6	EC		
SpM Empirical Methods and Data Analysis IV	6	EC			

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SpM Empirical Methods and Data Analysis V	6	EC
CM Comparative Political Institutions	6	EC
CM Comparative Political Economy	6	EC
CM Democratic Theory and Practice	6	EC
CM International Relations	6	EC
CM European Politics	6	EC
Specialisation Module Foundations in Macroeconomics and Public Policy B	6	EC
Specialisation Module Topics in Macroeconomics and Public Policy	6	EC
SpM Business Ethics	6	EC
SpM Strategic Human Resource Management	6	EC
SpM Strategic Management	6	EC
Studies Abroad in Economic Research I	6	EC
Studies Abroad in Economic Research II	6	EC
Studies Abroad in Economic Research III	6	EC

### **3.4 Extracurricular course programme**

In addition to their regular studies Master's students have the opportunity to take part in extra-curricular courses, in which both academic and vocational skills are taught. Thus, it can have an academic and a professional orientation, which serve the development of professional competences. The extracurricular course programme intends to promote and impart competences that go beyond specialist knowledge or concern basic scientific or personal attitudes: scientific curiosity, systematic and analytical thinking, dealing with complexity, solution-orientation and other skills, e.g. the ability to work in a team and foreign language skills. The extracurricular course programme is offered jointly by the faculties and the Professional Centre of the University of Cologne and enables students to pursue their own additional interests, to gain insights into other subjects and faculties, to attend events of social importance, to acquire professionally relevant skills and to attend language courses. In addition, students are offered learning and study aids as part of the extracurricular programme, e.g. for scientific work or literature research. Extracurricular courses are not credited, but the participation is noted on the transcript of records.

### **3.5 Master's thesis**

The Master's thesis is intended to prepare the processing of research projects for a doctorate. Within the framework of the Master's thesis, an economic problem must be solved independently within a given period of time (generally 6 months) and in compliance with the principles of scientific work. The aim of the Master's thesis is to develop a first research project with an innovative scientific contribution. The written thesis will be evaluated with 24 credits. The defense of the Master's thesis is evaluated with 6 credits.

To register to do their master's thesis, students must have accumulated a minimum of 60 ECTS credits. They may take no longer than six months to write the thesis. Further, more detailed information on master's theses can be found in the Examination Regulations.

### 3.6 Module descriptions

#### 3.6.1 Core and Advanced Section Economic Research

<b>CM Advanced Mathematics</b>					
<b>Module Code</b> 1302MBAMT1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Mathematics for Economists		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Overview of elementary mathematical concepts</li> <li>• Metric and standardized spaces</li> <li>• Linear algebra</li> <li>• Differential calculus and applications</li> <li>• Convex sets and concave functions</li> <li>• Optimisation</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... apply mathematical argumentation and proof techniques correctly. ... formulate economic problems occurring in research mathematically and solve them.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics:				

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	Supplementary Section Master of Science Economic Research: Core and Advanced Section Economic Research
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Martin Barbie
<b>10</b>	<b>Miscellaneous</b>

<b>AM Computational Methods</b>					
<b>Module Code</b> 1302MACMT1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Computational Methods		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Programming numerical algorithms</li> <li>• Numerical approximation</li> <li>• Numerical solution of zeroing and optimization problems</li> <li>• Application to canonical economic problems</li> <li>• Parametrization, solution and simulation of structural economic models</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... apply numerical methods and programs for the solution and simulation of quantitative structural economic models. ... interpret results of the application of numerical models. ... use the technical language in a way that is appropriate for the target group.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Economic Research: Core and Advanced Section Economic Research				

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	Specialization Section Economic Research Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert
<b>10</b>	<b>Miscellaneous</b>

<b>AM Selected Methods in Economics</b>					
<b>Module Code</b> 1289MAEXM1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Experimental Methods		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Experimental Methods in economics</li> <li>• Experimental designs</li> <li>• Analysing experimental data</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand advanced, specialized theories / methods in the area of experimental Economics.</li> <li>... analyse current questions and challenges in the area of Microeconomics.</li> <li>... assess and discuss findings and research results of specialized methods.</li> <li>... analyse data for selected scientific questions using quantitative methods.</li> <li>... present scientific results in a way that is appropriate for the target audience.</li> <li>... critically evaluate current social developments and develop alternative solutions.</li> <li>... use techniques of scientific work and good scientific practice.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Bachelor Level Microeconomics, Macroeconomics, Mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Economic Research: Core and Advanced Section Economic Research Specialization Section Economic Research Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller				
<b>10</b>	<b>Miscellaneous</b>				

<b>CM Advanced Microeconomics I</b>					
<b>Module Code</b>	<b>Workload</b>	<b>ECTS Credits</b>	<b>Module Language</b>	<b>Module Availability</b>	<b>Duration</b>
1289MBAMI1	180h	6	English	every 2nd term - winter term	1 Term
<b>1</b>	<b>Courses</b> Advanced Microeconomics I		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Theory of household and demand</li> <li>• Theory of the enterprise and the supply</li> <li>• Market equilibrium</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand modern microeconomic concepts.</li> <li>... are proficient in the most important techniques of microeconomic analysis, such as the analysis of individual decision-making behaviour.</li> <li>... use mathematical models to investigate price formation in markets.</li> <li>... modify these models to recognize their limitations and to analyse the effects of political interventions.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Good basic knowledge of microeconomics and mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Supply Chain Management:                             <ul style="list-style-type: none"> <li>Supplementary Section Supply Chain Management</li> </ul> </li> <li>Master of Science Business Administration - Finance:                             <ul style="list-style-type: none"> <li>Supplementary Section Finance</li> </ul> </li> <li>Master of Science Information Systems:                             <ul style="list-style-type: none"> <li>Supplementary Section Information Systems</li> </ul> </li> <li>Master of Science Business Administration - Marketing:                             <ul style="list-style-type: none"> <li>Supplementary Section Marketing</li> </ul> </li> <li>Master of Science Business Administration - Corporate Development:                             <ul style="list-style-type: none"> <li>Supplementary Section Corporate Development</li> </ul> </li> <li>Master of Science Business Administration - Accounting and Taxation:                             <ul style="list-style-type: none"> <li>Supplementary Section Accounting and Taxation</li> </ul> </li> <li>Master of Science Economics:                             <ul style="list-style-type: none"> <li>Supplementary Section</li> </ul> </li> <li>Master of Science Economic Research:                             <ul style="list-style-type: none"> <li>Core and Advanced Section Economic Research</li> <li>Specialization Section Economic Research</li> </ul> </li> </ul>				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Johannes Münster
<b>10</b>	<b>Miscellaneous</b>

<b>CM Advanced Microeconomics II</b>					
<b>Module Code</b> 1289MBAMI2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Microeconomics II		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Static games with complete information: Nash Equilibrium, Mixed Strategies</li> <li>• Dynamic games with complete information: subgame perfect Nash Equilibrium, one-shot deviation principle, bargaining, forward induction</li> <li>• Static games with incomplete information: Bayesian Nash Equilibrium, auctions</li> <li>• Dynamic games with incomplete information: Perfect Bayesian Nash Equilibrium and refinements, signalling games</li> <li>• Mechanism design and social preferences aggregation</li> <li>• Current developments in game theory and mechanism design</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... acquire and deepen methodological knowledge in the field of modern game theory and mechanism design. ... discuss the latest developments in game theory.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics: Supplementary Section Master of Science Economic Research: Core and Advanced Section Economic Research				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	Specialization Section Economic Research
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller
<b>10</b>	<b>Miscellaneous</b>

<b>CM Advanced Macroeconomics I</b>					
<b>Module Code</b>	<b>Workload</b>	<b>ECTS Credits</b>	<b>Module Language</b>	<b>Module Availability</b>	<b>Duration</b>
1302MBAMA1	180h	6	English	every 2nd term - winter term	1 Term
<b>1</b>	<b>Courses</b> Advanced Macroeconomics I		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Stylized facts: growth and business cycles</li> <li>• Dynamic optimization in continuous time and in discrete time under uncertainty</li> <li>• Stability and uniqueness of dynamic systems</li> <li>• The canonical neoclassical growth model</li> <li>• Exogenous and endogenous growth</li> <li>• Real business cycles (TFP and fiscal policy shocks)</li> <li>• Numeral solutions, simulation and evaluation of structural models</li> <li>• Calibration and introduction in structural estimation of model parameter</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... analyse and solve the canonical models of real business cycle and growth theory at an advanced methodological level. ... apply the mathematical and numerical methods necessary to do so. ... tailor and apply these models to answer positive and normative research questions in the areas of growth and business cycle fluctuations. ... discuss the strengths and weaknesses of these models in terms of their assumptions and implications. ... parameterize models using filtered data und assess the goodness of fit. ... develop analytical skills required for research activities and further studies (doctorate). ... gain an understanding of the most important strands of the literature that prepares them for their own research at an advanced level.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing				

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Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	<p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:                  Supplementary Section Accounting and Taxation</p> <p>Master of Science Economics:                  Supplementary Section</p> <p>Master of Science Economic Research:                  Core and Advanced Section Economic Research                  Specialization Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Peter Funk</p>
<b>10</b>	<p><b>Miscellaneous</b>                  Useful references are: - Acemoglu, Daron (2008). Introduction to modern economic growth. Princeton University Press. - McCandless, George T. (2008). The ABC of RBCs. Harvard University Press. - King, Robert G. and Sergio T. Rebelo (1999). "Resuscitating real business cycles". Handbook of macroeconomics. Ed. by John B. Taylor and Michael Woodford. Vol. 1. Elsevier, 927–1007. - Chow, Gregory C. (1997). Dynamic economics: optimization by the Lagrange method. Oxford: Oxford University Press. - Ljungqvist, Lars and Thomas J. Sargent (2012). Recursive macroeconomic theory. 3rd ed. Cambridge, MA: MIT Press. - Stokey, Nancy, Robert E. Lucas, and Edward C. Prescott (1989). Recursive methods in economic dynamics. Harvard University Press.</p>

<b>CM Advanced Macroeconomics II</b>					
<b>Module Code</b> 1302MBAMA2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Macroeconomics II		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Complete markets and representative agents</li> <li>• Incomplete markets and heterogeneous agents</li> <li>• Fiscal policy, public debt, and optimal taxation</li> <li>• Transaction frictions and monetary policy</li> <li>• Open economy macroeconomics</li> <li>• New Keynesian macroeconomics</li> <li>• Labour market frictions and Labour market fluctuations</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... master core macroeconomic concepts for solving positive and normative problems and acquire skill for innovative research. ... deepen their knowledge of short- and medium-run macroeconomic developments and of efficient conduct of policy measures. ... evaluate and discuss the impact of empirically relevant frictions in goods, financial and labour markets. ... recognize possibilities to enhance social welfare in a general equilibrium framework with incomplete markets. ... Identify the optimal implementation of macroeconomic instruments under relevant policy trade-offs. ... question and assess societal developments, in particular, inequality and unemployment, and reflect current policy measures with regard to potential research projects.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing				

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Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	<p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:                  Supplementary Section Accounting and Taxation</p> <p>Master of Science Economics:                  Supplementary Section</p> <p>Master of Science Economic Research:                  Core and Advanced Section Economic Research                  Specialization Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Michael Krause, Ph.D.                  Univ.-Prof. Dr. Andreas Schabert</p>
<b>10</b>	<p><b>Miscellaneous</b>                  Useful references are Ljungqvist, Lars and Thomas J. Sargent (2012). Recursive mac-roeconomic 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</p>

<b>CM Advanced Econometrics I</b>					
<b>Module Code</b> 1314MBAEM1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Econometrics: Theory		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• The classic linear model</li> <li>• Tests in the classical linear model</li> <li>• Specification of econometric models</li> <li>• Generalised linear model</li> <li>• Panel data regression</li> <li>• Time series econometric methods</li> <li>• Instrument Variables / GMM</li> <li>• Asymptotic Inference</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... have basic knowledge of econometric methods, which enable them to understand scientific contributions in the field of empirical economic research and to assess the properties of quantitative methods. ... model economic relationships econometrically and choose between alternative model specifications. ... estimate parameters with suitable methods and carry out hypothesis tests.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics:				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	<p>Supplementary Section                  Master of Science Economic Research:                  Core and Advanced Section Economic Research                  Specialization Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Jörg Breitung</p>
<b>10</b>	<p><b>Miscellaneous</b>                  This module presents econometric tools for the analysis of cross-sectional data, time series and panel data at doctoral level.</p>

<b>CM Advanced Econometrics II</b>					
<b>Module Code</b> 1314MBAEM2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Econometrics: Applications		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Evaluation of causal effects</li> <li>• Fixed effects and difference-in-difference estimator</li> <li>• Regression discontinuity designs</li> <li>• Robust standard errors and clustering</li> <li>• Structural estimates with experimental data</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... implement estimation methods and test procedures.</li> <li>... discuss situation estimation and testing procedures.</li> <li>... apply appropriate econometric models and the corresponding inference methods.</li> <li>... carry out empirical studies in modern macro- and microeconometrics.</li> <li>... report on their approach and their results.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</li> <li>Master of Science Business Administration - Finance: Supplementary Section Finance</li> <li>Master of Science Information Systems: Supplementary Section Information Systems</li> <li>Master of Science Business Administration - Marketing: Supplementary Section Marketing</li> <li>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</li> <li>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</li> <li>Master of Science Economics: Supplementary Section</li> <li>Master of Science Economic Research: Core and Advanced Section Economic Research Specialization Section Economic Research</li> </ul>				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Jörg Breitung
<b>10</b>	<b>Miscellaneous</b> This module presents econometric tools for the analysis of cross-sectional data, time series and panel data at doctoral level.

<b>AM Computational Methods</b>					
<b>Module Code</b> 1302MACMT1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Computational Methods		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Programming numerical algorithms</li> <li>• Numerical approximation</li> <li>• Numerical solution of zeroing and optimization problems</li> <li>• Application to canonical economic problems</li> <li>• Parametrization, solution and simulation of structural economic models</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... apply numerical methods and programs for the solution and simulation of quantitative structural economic models. ... interpret results of the application of numerical models. ... use the technical language in a way that is appropriate for the target group.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Economic Research: Core and Advanced Section Economic Research				

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	Specialization Section Economic Research Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert
<b>10</b>	<b>Miscellaneous</b>

<b>AM Selected Methods in Economics</b>					
<b>Module Code</b> 1289MAEXM1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Experimental Methods		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Experimental Methods in economics</li> <li>• Experimental designs</li> <li>• Analysing experimental data</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand advanced, specialized theories / methods in the area of experimental Economics.</li> <li>... analyse current questions and challenges in the area of Microeconomics.</li> <li>... assess and discuss findings and research results of specialized methods.</li> <li>... analyse data for selected scientific questions using quantitative methods.</li> <li>... present scientific results in a way that is appropriate for the target audience.</li> <li>... critically evaluate current social developments and develop alternative solutions.</li> <li>... use techniques of scientific work and good scientific practice.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Bachelor Level Microeconomics, Macroeconomics, Mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Economic Research: Core and Advanced Section Economic Research Specialization Section Economic Research Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller				
<b>10</b>	<b>Miscellaneous</b>				

<b>CM Advanced Microeconomics I</b>					
<b>Module Code</b>	<b>Workload</b>	<b>ECTS Credits</b>	<b>Module Language</b>	<b>Module Availability</b>	<b>Duration</b>
1289MBAMI1	180h	6	English	every 2nd term - winter term	1 Term
<b>1</b>	<b>Courses</b> Advanced Microeconomics I		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Theory of household and demand</li> <li>• Theory of the enterprise and the supply</li> <li>• Market equilibrium</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand modern microeconomic concepts.</li> <li>... are proficient in the most important techniques of microeconomic analysis, such as the analysis of individual decision-making behaviour.</li> <li>... use mathematical models to investigate price formation in markets.</li> <li>... modify these models to recognize their limitations and to analyse the effects of political interventions.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Good basic knowledge of microeconomics and mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</li> <li>Master of Science Business Administration - Finance: Supplementary Section Finance</li> <li>Master of Science Information Systems: Supplementary Section Information Systems</li> <li>Master of Science Business Administration - Marketing: Supplementary Section Marketing</li> <li>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</li> <li>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</li> <li>Master of Science Economics: Supplementary Section</li> <li>Master of Science Economic Research: Core and Advanced Section Economic Research Specialization Section Economic Research</li> </ul>				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Johannes Münster
<b>10</b>	<b>Miscellaneous</b>

<b>CM Advanced Microeconomics II</b>					
<b>Module Code</b> 1289MBAMI2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Microeconomics II		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Static games with complete information: Nash Equilibrium, Mixed Strategies</li> <li>• Dynamic games with complete information: subgame perfect Nash Equilibrium, one-shot deviation principle, bargaining, forward induction</li> <li>• Static games with incomplete information: Bayesian Nash Equilibrium, auctions</li> <li>• Dynamic games with incomplete information: Perfect Bayesian Nash Equilibrium and refinements, signalling games</li> <li>• Mechanism design and social preferences aggregation</li> <li>• Current developments in game theory and mechanism design</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... acquire and deepen methodological knowledge in the field of modern game theory and mechanism design. ... discuss the latest developments in game theory.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics: Supplementary Section Master of Science Economic Research: Core and Advanced Section Economic Research				

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Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	Specialization Section Economic Research
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller
<b>10</b>	<b>Miscellaneous</b>

<b>CM Advanced Macroeconomics I</b>					
<b>Module Code</b> 1302MBAMA1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Macroeconomics I		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Stylized facts: growth and business cycles</li> <li>• Dynamic optimization in continuous time and in discrete time under uncertainty</li> <li>• Stability and uniqueness of dynamic systems</li> <li>• The canonical neoclassical growth model</li> <li>• Exogenous and endogenous growth</li> <li>• Real business cycles (TFP and fiscal policy shocks)</li> <li>• Numeral solutions, simulation and evaluation of structural models</li> <li>• Calibration and introduction in structural estimation of model parameter</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... analyse and solve the canonical models of real business cycle and growth theory at an advanced methodological level. ... apply the mathematical and numerical methods necessary to do so. ... tailor and apply these models to answer positive and normative research questions in the areas of growth and business cycle fluctuations. ... discuss the strengths and weaknesses of these models in terms of their assumptions and implications. ... parameterize models using filtered data und assess the goodness of fit. ... develop analytical skills required for research activities and further studies (doctorate). ... gain an understanding of the most important strands of the literature that prepares them for their own research at an advanced level.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing				

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	<p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:                  Supplementary Section Accounting and Taxation</p> <p>Master of Science Economics:                  Supplementary Section</p> <p>Master of Science Economic Research:                  Core and Advanced Section Economic Research                  Specialization Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Peter Funk</p>
<b>10</b>	<p><b>Miscellaneous</b>                  Useful references are: - Acemoglu, Daron (2008). Introduction to modern economic growth. Princeton University Press. - McCandless, George T. (2008). The ABC of RBCs. Harvard University Press. - King, Robert G. and Sergio T. Rebelo (1999). "Resuscitating real business cycles". Handbook of macroeconomics. Ed. by John B. Taylor and Michael Woodford. Vol. 1. Elsevier, 927–1007. - Chow, Gregory C. (1997). Dynamic economics: optimization by the Lagrange method. Oxford: Oxford University Press. - Ljungqvist, Lars and Thomas J. Sargent (2012). Recursive macroeconomic theory. 3rd ed. Cambridge, MA: MIT Press. - Stokey, Nancy, Robert E. Lucas, and Edward C. Prescott (1989). Recursive methods in economic dynamics. Harvard University Press.</p>

<b>CM Advanced Macroeconomics II</b>					
<b>Module Code</b>	<b>Workload</b>	<b>ECTS Credits</b>	<b>Module Language</b>	<b>Module Availability</b>	<b>Duration</b>
1302MBAMA2	180h	6	English	every 2nd term - summer term	1 Term
<b>1</b>	<b>Courses</b> Advanced Macroeconomics II		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Complete markets and representative agents</li> <li>• Incomplete markets and heterogeneous agents</li> <li>• Fiscal policy, public debt, and optimal taxation</li> <li>• Transaction frictions and monetary policy</li> <li>• Open economy macroeconomics</li> <li>• New Keynesian macroeconomics</li> <li>• Labour market frictions and Labour market fluctuations</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... master core macroeconomic concepts for solving positive and normative problems and acquire skill for innovative research. ... deepen their knowledge of short- and medium-run macroeconomic developments and of efficient conduct of policy measures. ... evaluate and discuss the impact of empirically relevant frictions in goods, financial and labour markets. ... recognize possibilities to enhance social welfare in a general equilibrium framework with incomplete markets. ... Identify the optimal implementation of macroeconomic instruments under relevant policy trade-offs. ... question and assess societal developments, in particular, inequality and unemployment, and reflect current policy measures with regard to potential research projects.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing				

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	<p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:                  Supplementary Section Accounting and Taxation</p> <p>Master of Science Economics:                  Supplementary Section</p> <p>Master of Science Economic Research:                  Core and Advanced Section Economic Research                  Specialization Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Michael Krause, Ph.D.                  Univ.-Prof. Dr. Andreas Schabert</p>
<b>10</b>	<p><b>Miscellaneous</b>                  Useful references are Ljungqvist, Lars and Thomas J. Sargent (2012). Recursive mac-roeconomic 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</p>

<b>CM Advanced Econometrics I</b>					
<b>Module Code</b> 1314MBAEM1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Econometrics: Theory		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• The classic linear model</li> <li>• Tests in the classical linear model</li> <li>• Specification of econometric models</li> <li>• Generalised linear model</li> <li>• Panel data regression</li> <li>• Time series econometric methods</li> <li>• Instrument Variables / GMM</li> <li>• Asymptotic Inference</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... have basic knowledge of econometric methods, which enable them to understand scientific contributions in the field of empirical economic research and to assess the properties of quantitative methods. ... model economic relationships econometrically and choose between alternative model specifications. ... estimate parameters with suitable methods and carry out hypothesis tests.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics:				

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	<p>Supplementary Section                  Master of Science Economic Research:                  Core and Advanced Section Economic Research                  Specialization Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Jörg Breitung</p>
<b>10</b>	<p><b>Miscellaneous</b>                  This module presents econometric tools for the analysis of cross-sectional data, time series and panel data at doctoral level.</p>

<b>CM Advanced Econometrics II</b>					
<b>Module Code</b> 1314MBAEM2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Econometrics: Applications		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Evaluation of causal effects</li> <li>• Fixed effects and difference-in-difference estimator</li> <li>• Regression discontinuity designs</li> <li>• Robust standard errors and clustering</li> <li>• Structural estimates with experimental data</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... implement estimation methods and test procedures.</li> <li>... discuss situation estimation and testing procedures.</li> <li>... apply appropriate econometric models and the corresponding inference methods.</li> <li>... carry out empirical studies in modern macro- and microeconometrics.</li> <li>... report on their approach and their results.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</li> <li>Master of Science Business Administration - Finance: Supplementary Section Finance</li> <li>Master of Science Information Systems: Supplementary Section Information Systems</li> <li>Master of Science Business Administration - Marketing: Supplementary Section Marketing</li> <li>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</li> <li>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</li> <li>Master of Science Economics: Supplementary Section</li> <li>Master of Science Economic Research: Core and Advanced Section Economic Research Specialization Section Economic Research</li> </ul>				

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Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Jörg Breitung
<b>10</b>	<b>Miscellaneous</b> This module presents econometric tools for the analysis of cross-sectional data, time series and panel data at doctoral level.

### 3.6.2 Specialisation Section Economic Research

<b>SpM Advanced Public Economics</b>					
<b>Module Code</b> 1302MSAPE1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Public Economics		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Optimal income taxation</li> <li>• Optimum excise duties</li> <li>• Optimal combination of direct and indirect taxes</li> <li>• Taxation of capital income</li> <li>• Corporate taxation</li> <li>• Political economy of redistributive taxes</li> <li>• Sufficient statistics approaches</li> <li>• Perturbation method</li> <li>• Mechanism design</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... analyse tax and expenditure policy. ... discuss conflicts between efficiency and distribution targets. ... apply methods for the formal analysis of optimal tax systems. ... apply methods for the formal analysis of tax reforms.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: basic knowledge of differential calculus, optimisation problems with constraints, knowledge of consumer theory, knowledge of game theory				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Specialization Section Economic Research Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Felix Bierbrauer				

<b>10</b>	<b>Miscellaneous</b>
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<b>SpM Advanced Behavioural Economics</b>					
<b>Module Code</b> 1289MSABE1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Behavioural Economics		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> Departing from a general treatment effects framework, this module focuses on econometric methods that are of particular use to behavioural economists. Examples are sampling and power analysis, treatment effects with and without randomisation, discrete choice, mediation analysis, treatment effect decompositions as well as structural behavioural methods.				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand what statistical/econometric considerations to take into account when generating their own data in a lab or field experiment. ... know how to choose appropriate estimators to tackle behavioural economic questions. ... know how to evaluate societally relevant policies (e.g. social or gender policies) from a behavioural economic perspective. ... know how to read/judge empirical papers in behavioural economics.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Core Module Advanced Microeconomics I				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Supplementary Section Master of Science Economic Research: Specialization Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr.' Pia Pinger				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Market Design and Mechanism Design</b>					
<b>Module Code</b> 1289MSMMD1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Matching and Market Design: Theory and Practice		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> Matching Markets, Mechanism Design with and without monetary transfers				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand leading theoretical models of mechanism market design with and without monetary transfers. ... analyse existing mechanism market designs based on a portfolio of theories, experiments and empirical analyses. ... improve existing mechanism market designs.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Knowledge of game theory				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research Master of Science Economic Research: Specialization Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Alexander Westkamp				

<b>10</b>	<b>Miscellaneous</b>
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<b>SpM Political Economy and Media Economics</b>					
<b>Module Code</b> 1302MSPME1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Political Economics and Media Economics		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Aggregation of preferences and information on socially relevant issues</li> <li>• Models of political competition in democracies, e.g. on social issues, taxation and redistribution</li> <li>• Behavioural economic aspects of political competition</li> <li>• Interaction of media markets and politics</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... know classical and current research results in the field of Political Economics.</li> <li>... understand formal models of political competition in democracies.</li> <li>... explain empirical findings with the help of these models.</li> <li>... discuss the current state of research and implications for society.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Knowledge of game theory, knowledge of consumer behaviour theory				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Supplementary Section Master of Science Economic Research: Specialization Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Johannes Münster				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Frictions, Technology, and Inequality</b>					
<b>Module Code</b> 1302MSFT11	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Technical Change, Labour, and Inequality		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Balanced and imbalanced growth and the dynamics of inequality in standard models with capital, skilled labour, and unskilled labour</li> <li>• Directed technical change, balanced growth and persistent inequality</li> <li>• Automation in models with directed technical change: Causes and implications. Robots: Curse or Blessing? Robots and Taxes</li> <li>• Persistent inequality and the dynamics of skill acquisition and labour supply</li> <li>• Polarization in models with occupations and tasks. Assignment models</li> <li>• Technical change and labour market issues: Reallocation of employment, unemployment and labour market policy</li> <li>• Empirical analysis of the causes and consequences of technological change and earnings inequality</li> <li>• Episodes of fundamental technical change as quasi-experimental settings for causal inference</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... develop the analytical skills to apply theoretical models dealing with the issues of this specialization. ... master advanced methods to explain empirical facts and relevant social developments (e.g. automation) and to reflect policy measure. ... discuss distributional aspects of technological change, market incompleteness, and externalities. ... communicate and apply the appropriate methods for the economic and econometric analysis of issues in this specialisation. ... discuss and evaluate empirical results and econometric methods for hypothesis testing and causal inference.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommended: CM Advanced Macroeconomics I, CM Advanced Econometrics I; CM Advanced Macroeconomics II can be attended simultaneously				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Supplementary Section Master of Science Economic Research: Specialization Section Economic Research				

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<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Peter Funk Univ.-Prof. Dr. Erik Hornung Univ.-Prof. Michael Krause, Ph.D.
<b>10</b>	<b>Miscellaneous</b>

<b>SpM Empirical Methods and Data Analysis II</b>					
<b>Module Code</b> 1314MSEMD2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Microeconometrics b) Topics in Econometrics and Statistics II		<b>Contact Hours</b> a) 45h b) 45h	<b>Self-Studies</b> a) 135h b) 135h	<b>Course Language</b> a) English b) English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Limited dependent variables</li> <li>• Evaluation of treatment effects</li> <li>• Duration analysis</li> <li>• Panel data and factor models</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the examination. One course is to be attended; the examination relates to the content of one course.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Supplementary Section Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Economic Research: Specialization Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Jörg Breitung				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Empirical Methods and Data Analysis III</b>					
<b>Module Code</b> 1314MSEMD3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Time Series Econometrics b) Stochastic Models and Processes c) Topics in Econometrics and Statistics III		<b>Contact Hours</b> a) 45h b) 45h c) 45h	<b>Self-Studies</b> a) 135h b) 135h c) 135h	<b>Course Language</b> a) English b) English c) English
<b>2</b>	<b>Module Content</b> a) Time Series Econometrics: <ul style="list-style-type: none"> <li>• ARMA Models</li> <li>• State-Space Models</li> <li>• Models for Non-Stationary Time Series</li> <li>• Multivariate Time Series Models</li> <li>• Non-Stationarity in Multivariate Time Series</li> </ul> b) Stochastic Models and Processes: <ul style="list-style-type: none"> <li>• Deepening topics in statistical inference</li> <li>• bootstrap</li> <li>• nonparametric density estimation</li> <li>• nonparametric tests (e.g. for independence)</li> <li>• Brownian motions</li> <li>• Poisson processes</li> <li>• Markov processes</li> </ul> Course c) Topics in Econometrics and Statistics III will be offered if available.				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Solid basic knowledge of probability theory				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Core and Advanced Section Supply Chain Management				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	<p>Master of Science Economics:  Specialization Section Economics  Supplementary Section</p> <p>Master of Arts Politikwissenschaft:  Supplementary Section Political Science</p> <p>Master of Science Business Administration - Finance:  Core and Advanced Section Finance  Supplementary Section Finance</p> <p>Master of Science Information Systems:  Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Marketing:  Supplementary Section Marketing</p> <p>Master of Science Business Administration - Corporate Development:  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:  Supplementary Section Accounting and Taxation</p> <p>Master of Science Business Administration - Marketing:  Core and Advanced Section Marketing</p> <p>Master of Science Economic Research:  Specialization Section Economic Research  Supplementary Section Economic Research</p> <p>Master of Science Business Administration - Corporate Development:  Core and Advanced Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:  Core and Advanced Section Accounting and Taxation</p>
<b>9</b>	<p><b>Module Manager</b>  Univ.-Prof. Dr. Dominik Wied</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>AM Computational Methods</b>					
<b>Module Code</b> 1302MACMT1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Computational Methods		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Programming numerical algorithms</li> <li>• Numerical approximation</li> <li>• Numerical solution of zeroing and optimization problems</li> <li>• Application to canonical economic problems</li> <li>• Parametrization, solution and simulation of structural economic models</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... apply numerical methods and programs for the solution and simulation of quantitative structural economic models. ... interpret results of the application of numerical models. ... use the technical language in a way that is appropriate for the target group.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Economic Research: Core and Advanced Section Economic Research				

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Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	Specialization Section Economic Research Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert
<b>10</b>	<b>Miscellaneous</b>

<b>AM Selected Methods in Economics</b>					
<b>Module Code</b> 1289MAEXM1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Experimental Methods		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Experimental Methods in economics</li> <li>• Experimental designs</li> <li>• Analysing experimental data</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand advanced, specialized theories / methods in the area of experimental Economics.</li> <li>... analyse current questions and challenges in the area of Microeconomics.</li> <li>... assess and discuss findings and research results of specialized methods.</li> <li>... analyse data for selected scientific questions using quantitative methods.</li> <li>... present scientific results in a way that is appropriate for the target audience.</li> <li>... critically evaluate current social developments and develop alternative solutions.</li> <li>... use techniques of scientific work and good scientific practice.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Bachelor Level Microeconomics, Macroeconomics, Mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Economic Research: Core and Advanced Section Economic Research Specialization Section Economic Research Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller				
<b>10</b>	<b>Miscellaneous</b>				

<b>CM Advanced Microeconomics I</b>					
<b>Module Code</b>	<b>Workload</b>	<b>ECTS Credits</b>	<b>Module Language</b>	<b>Module Availability</b>	<b>Duration</b>
1289MBAMI1	180h	6	English	every 2nd term - winter term	1 Term
<b>1</b>	<b>Courses</b> Advanced Microeconomics I		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Theory of household and demand</li> <li>• Theory of the enterprise and the supply</li> <li>• Market equilibrium</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand modern microeconomic concepts.</li> <li>... are proficient in the most important techniques of microeconomic analysis, such as the analysis of individual decision-making behaviour.</li> <li>... use mathematical models to investigate price formation in markets.</li> <li>... modify these models to recognize their limitations and to analyse the effects of political interventions.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Good basic knowledge of microeconomics and mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</li> <li>Master of Science Business Administration - Finance: Supplementary Section Finance</li> <li>Master of Science Information Systems: Supplementary Section Information Systems</li> <li>Master of Science Business Administration - Marketing: Supplementary Section Marketing</li> <li>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</li> <li>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</li> <li>Master of Science Economics: Supplementary Section</li> <li>Master of Science Economic Research: Core and Advanced Section Economic Research Specialization Section Economic Research</li> </ul>				

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Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Johannes Münster
<b>10</b>	<b>Miscellaneous</b>

<b>CM Advanced Microeconomics II</b>					
<b>Module Code</b> 1289MBAMI2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Microeconomics II		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Static games with complete information: Nash Equilibrium, Mixed Strategies</li> <li>• Dynamic games with complete information: subgame perfect Nash Equilibrium, one-shot deviation principle, bargaining, forward induction</li> <li>• Static games with incomplete information: Bayesian Nash Equilibrium, auctions</li> <li>• Dynamic games with incomplete information: Perfect Bayesian Nash Equilibrium and refinements, signalling games</li> <li>• Mechanism design and social preferences aggregation</li> <li>• Current developments in game theory and mechanism design</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... acquire and deepen methodological knowledge in the field of modern game theory and mechanism design. ... discuss the latest developments in game theory.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics: Supplementary Section Master of Science Economic Research: Core and Advanced Section Economic Research				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	Specialization Section Economic Research
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller
<b>10</b>	<b>Miscellaneous</b>

<b>CM Advanced Macroeconomics I</b>					
<b>Module Code</b> 1302MBAMA1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Macroeconomics I		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Stylized facts: growth and business cycles</li> <li>• Dynamic optimization in continuous time and in discrete time under uncertainty</li> <li>• Stability and uniqueness of dynamic systems</li> <li>• The canonical neoclassical growth model</li> <li>• Exogenous and endogenous growth</li> <li>• Real business cycles (TFP and fiscal policy shocks)</li> <li>• Numeral solutions, simulation and evaluation of structural models</li> <li>• Calibration and introduction in structural estimation of model parameter</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... analyse and solve the canonical models of real business cycle and growth theory at an advanced methodological level. ... apply the mathematical and numerical methods necessary to do so. ... tailor and apply these models to answer positive and normative research questions in the areas of growth and business cycle fluctuations. ... discuss the strengths and weaknesses of these models in terms of their assumptions and implications. ... parameterize models using filtered data und assess the goodness of fit. ... develop analytical skills required for research activities and further studies (doctorate). ... gain an understanding of the most important strands of the literature that prepares them for their own research at an advanced level.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing				

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Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	<p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:                  Supplementary Section Accounting and Taxation</p> <p>Master of Science Economics:                  Supplementary Section</p> <p>Master of Science Economic Research:                  Core and Advanced Section Economic Research                  Specialization Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Peter Funk</p>
<b>10</b>	<p><b>Miscellaneous</b>                  Useful references are: - Acemoglu, Daron (2008). Introduction to modern economic growth. Princeton University Press. - McCandless, George T. (2008). The ABC of RBCs. Harvard University Press. - King, Robert G. and Sergio T. Rebelo (1999). "Resuscitating real business cycles". Handbook of macroeconomics. Ed. by John B. Taylor and Michael Woodford. Vol. 1. Elsevier, 927–1007. - Chow, Gregory C. (1997). Dynamic economics: optimization by the Lagrange method. Oxford: Oxford University Press. - Ljungqvist, Lars and Thomas J. Sargent (2012). Recursive macroeconomic theory. 3rd ed. Cambridge, MA: MIT Press. - Stokey, Nancy, Robert E. Lucas, and Edward C. Prescott (1989). Recursive methods in economic dynamics. Harvard University Press.</p>

<b>CM Advanced Macroeconomics II</b>					
<b>Module Code</b> 1302MBAMA2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Macroeconomics II		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Complete markets and representative agents</li> <li>• Incomplete markets and heterogeneous agents</li> <li>• Fiscal policy, public debt, and optimal taxation</li> <li>• Transaction frictions and monetary policy</li> <li>• Open economy macroeconomics</li> <li>• New Keynesian macroeconomics</li> <li>• Labour market frictions and Labour market fluctuations</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... master core macroeconomic concepts for solving positive and normative problems and acquire skill for innovative research. ... deepen their knowledge of short- and medium-run macroeconomic developments and of efficient conduct of policy measures. ... evaluate and discuss the impact of empirically relevant frictions in goods, financial and labour markets. ... recognize possibilities to enhance social welfare in a general equilibrium framework with incomplete markets. ... Identify the optimal implementation of macroeconomic instruments under relevant policy trade-offs. ... question and assess societal developments, in particular, inequality and unemployment, and reflect current policy measures with regard to potential research projects.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing				

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	<p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:                  Supplementary Section Accounting and Taxation</p> <p>Master of Science Economics:                  Supplementary Section</p> <p>Master of Science Economic Research:                  Core and Advanced Section Economic Research                  Specialization Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Michael Krause, Ph.D.                  Univ.-Prof. Dr. Andreas Schabert</p>
<b>10</b>	<p><b>Miscellaneous</b>                  Useful references are Ljungqvist, Lars and Thomas J. Sargent (2012). Recursive mac-roeconomic 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</p>

<b>CM Advanced Econometrics I</b>					
<b>Module Code</b> 1314MBAEM1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Econometrics: Theory		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• The classic linear model</li> <li>• Tests in the classical linear model</li> <li>• Specification of econometric models</li> <li>• Generalised linear model</li> <li>• Panel data regression</li> <li>• Time series econometric methods</li> <li>• Instrument Variables / GMM</li> <li>• Asymptotic Inference</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... have basic knowledge of econometric methods, which enable them to understand scientific contributions in the field of empirical economic research and to assess the properties of quantitative methods. ... model economic relationships econometrically and choose between alternative model specifications. ... estimate parameters with suitable methods and carry out hypothesis tests.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics:				

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	<p>Supplementary Section                  Master of Science Economic Research:                  Core and Advanced Section Economic Research                  Specialization Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Jörg Breitung</p>
<b>10</b>	<p><b>Miscellaneous</b>                  This module presents econometric tools for the analysis of cross-sectional data, time series and panel data at doctoral level.</p>

<b>CM Advanced Econometrics II</b>					
<b>Module Code</b> 1314MBAEM2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Econometrics: Applications		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Evaluation of causal effects</li> <li>• Fixed effects and difference-in-difference estimator</li> <li>• Regression discontinuity designs</li> <li>• Robust standard errors and clustering</li> <li>• Structural estimates with experimental data</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... implement estimation methods and test procedures.</li> <li>... discuss situation estimation and testing procedures.</li> <li>... apply appropriate econometric models and the corresponding inference methods.</li> <li>... carry out empirical studies in modern macro- and microeconometrics.</li> <li>... report on their approach and their results.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Supply Chain Management:                             <ul style="list-style-type: none"> <li>Supplementary Section Supply Chain Management</li> </ul> </li> <li>Master of Science Business Administration - Finance:                             <ul style="list-style-type: none"> <li>Supplementary Section Finance</li> </ul> </li> <li>Master of Science Information Systems:                             <ul style="list-style-type: none"> <li>Supplementary Section Information Systems</li> </ul> </li> <li>Master of Science Business Administration - Marketing:                             <ul style="list-style-type: none"> <li>Supplementary Section Marketing</li> </ul> </li> <li>Master of Science Business Administration - Corporate Development:                             <ul style="list-style-type: none"> <li>Supplementary Section Corporate Development</li> </ul> </li> <li>Master of Science Business Administration - Accounting and Taxation:                             <ul style="list-style-type: none"> <li>Supplementary Section Accounting and Taxation</li> </ul> </li> <li>Master of Science Economics:                             <ul style="list-style-type: none"> <li>Supplementary Section</li> </ul> </li> <li>Master of Science Economic Research:                             <ul style="list-style-type: none"> <li>Core and Advanced Section Economic Research</li> <li>Specialization Section Economic Research</li> </ul> </li> </ul>				

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<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Jörg Breitung
<b>10</b>	<b>Miscellaneous</b> This module presents econometric tools for the analysis of cross-sectional data, time series and panel data at doctoral level.

<b>SpM Selected Issues in Economic Research I</b>					
<b>Module Code</b> 1287MSSIE1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Economic Engineering b) People Analytics & Econometrics		<b>Contact Hours</b> a) 60h b) 30h	<b>Self-Studies</b> a) 120h b) 150h	<b>Course Language</b> a) English b) English
<b>2</b>	<b>Module Content</b> People Analytics & Econometrics: The module trains students to analyze company data using statistical software in order to evaluate the impact of management practices.  Economic Engineering: <ul style="list-style-type: none"> <li>• Evaluation of the roles of theory and laboratory/field experiments in the development of markets and incentive systems</li> <li>• Analysis of relevant behavioural phenomena and institutional details of particular importance for specific designs</li> <li>• Discussion of practical applications of economic engineering in matching markets, auctions and other markets</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... acquire knowledge and skills depending on course choice.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: depends on chosen course				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination in one of the courses offered.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economic Research: Specialization Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Selected Issues in Economic Research II</b>					
<b>Module Code</b> 1287MSSIE2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Auction Theory b) Fragile Financial Markets		<b>Contact Hours</b> a) 60h b) 60h	<b>Self-Studies</b> a) 120h b) 120h	<b>Course Language</b> a) English b) English
<b>2</b>	<p><b>Module Content</b></p> <p>Fragile Financial Markets:</p> <ul style="list-style-type: none"> <li>• Asymmetric information and financial acceleration</li> <li>• Limited enforcement und endogenous financial constraints</li> <li>• Pecuniary externalities in financial markets and fire sales</li> <li>• Financial regulation and corrective policies</li> </ul> <p>Auction Theory (winter semester, until 2022/23):</p> <ul style="list-style-type: none"> <li>• Auctions with “private values”: second-price auctions, first-price auctions, reservation prices, revenue equivalence theorem, extensions</li> <li>• Mechanism design: revelation principle, optimal mechanisms, efficient mechanisms</li> <li>• Auctions with “interdependent values”: comparisons of auction proceeds , linkage principle</li> </ul>				
<b>3</b>	<p><b>Learning Objectives</b></p> <p>Students... ... acquire knowledge and skills depending on course choice.</p>				
<b>4</b>	<p><b>Teaching and Learning Methods</b></p> <p>lecture practice</p>				
<b>5</b>	<p><b>Module Entry Requirements</b></p> <p>Recommendation: depends on chosen course</p>				
<b>6</b>	<p><b>Mode of End-Of-Module Examination</b></p> <p>Written test: WT (60)</p>				
<b>7</b>	<p><b>Prerequisites for Awarding of Credit Points</b></p> <p>Passing the module examination in one of the courses offered.</p>				
<b>8</b>	<p><b>Other Programmes that Use the Module</b></p> <p>Master of Science Economic Research: Specialization Section Economic Research</p>				
<b>9</b>	<p><b>Module Manager</b></p> <p>Univ.-Prof. Dr. Andreas Schabert</p>				
<b>10</b>	<p><b>Miscellaneous</b></p>				

<b>SpM Selected Issues in Economic Research III</b>					
<b>Module Code</b> 1287MSSIE3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b>				
<b>3</b>	<b>Learning Objectives</b> Students... ... acquire knowledge and skills depending on course choice.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b>				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economic Research: Specialization Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Reading Group Microeconomics</b>					
<b>Module Code</b> 1289MSGM1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Reading Group Microeconomics		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> Current literature				
<b>3</b>	<b>Learning Objectives</b> Students... ... discuss current research in the field of microeconomics. ... judge academic professional articles. ... develop their own research designs against the background of existing literature.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Core Modules Advanced Mathematics, Advanced Microeconomics I				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economic Research: Specialization Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Alexander Westkamp				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Reading Group Macroeconomics</b>					
<b>Module Code</b> 1302MSGMA1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Reading Group Macroeconomics		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> The contents are oriented towards fundamental or current scientific questions of macroeconomics.				
<b>3</b>	<b>Learning Objectives</b> Students... ... independently deal with current scientific questions in the field of macroeconomics. ... apply the theoretical and empirical methodological knowledge gained during their studies. ... critically examine the topic-related scientific literature. ... present their state of knowledge in a lecture and discuss it with the other seminar participants. ... draft an independent scientific contribution and develop first innovative project results. ... are engaged in a scientific discourse.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Core Module Macroeconomics I				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economic Research: Specialization Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Reading Group Econometrics</b>					
<b>Module Code</b> 1314MSGEM1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Reading Group Econometrics		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> The module deals with selected contents from econometrics and statistics, covering both methods and applications. A course can be based on a specialized textbook and recently published research papers. The module should prepare the students for their own research (which can also be the content of the respective course).				
<b>3</b>	<b>Learning Objectives</b> Students... ... discuss current research in the field of microeconomics. ... judge academic professional articles. ... develop their own research designs against the background of existing literature.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Advanced Econometrics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economic Research: Specialization Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr.' Anna Bindler				
<b>10</b>	<b>Miscellaneous</b>				

## 3.6.3 Supplementary Section Economic Research

<b>Specialisation Module Behavioral Economics</b>					
<b>Module Code</b> 1289SMBE00	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Behavioral Economics		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> Using the concept of the homo economicus, the module presents behavioural theory concepts that are based on findings from empirical and experimental research. The lectures provide an introduction to bounded rationality theories, focusing on those theories' criticism of the homo economicus concept.				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand behavioural models and formal arguments. ... apply advanced microeconomic concepts. ... challenge arguments critically.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommended: Core modules in Microeconomics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research Master of Science International Management: Supplementary Section International Management				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	Master of Science Economic Research: Supplementary Section Economic Research
<b>9</b>	<b>Module Manager</b> Fachbereich Mikroökonomik Jun.-Prof. Dr. Frederik Schwerter
<b>10</b>	<b>Miscellaneous</b>

<b>Specialisation Module Topics in Design and Behavior A</b>					
<b>Module Code</b> 1289SMTD01	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Tools for Experiments in Economics		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> Latest issues in institution and market design, plus methods and theories used in behavioural economics and applied microeconomics.				
<b>3</b>	<b>Learning Objectives</b> Students... ... investigate current theoretical and applied issues in market and institution design with the methods and theories used in behavioural economics and microeconomics. ... examine and assess the applicability of various economic concepts. ... discuss the results in written form and in class with other course participants.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> No recommendations				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Axel Ockenfels				
<b>10</b>	<b>Miscellaneous</b> Relevant reading will be announced at the beginning of each term.				

<b>Specialisation Module Topics in Design and Behavior B</b>					
<b>Module Code</b> 1289SMTD02	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Topics in Design and Behavior B		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> German and English
<b>2</b>	<b>Module Content</b> Latest issues in institution and market design, plus methods and theories used in behavioural economics and applied microeconomics.				
<b>3</b>	<b>Learning Objectives</b> Students... ... investigate current theoretical and applied issues in market and institution design with the methods and theories used in behavioural economics and microeconomics. ... examine and assess the applicability of various economic concepts. ... discuss the results in written form and in class with other course participants.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> No recommendations				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Axel Ockenfels Univ.-Prof. Dr.' Bettina Rockenbach				
<b>10</b>	<b>Miscellaneous</b> Relevant reading will be announced at the beginning of each term.				

<b>Specialisation Module Topics in Design and Behavior D</b>					
<b>Module Code</b> 1289SMTD04	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Topics in Design and Behavior D		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> German and English
<b>2</b>	<b>Module Content</b> Latest issues in institution and market design, plus methods and theories used in behavioural economics and applied microeconomics.				
<b>3</b>	<b>Learning Objectives</b> Students... ... investigate current theoretical and applied issues in market and institution design with the methods and theories used in behavioural economics and microeconomics. ... examine and assess the applicability of various economic concepts. ... discuss the results in written form and in class with other course participants.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> No recommendations				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Axel Ockenfels Univ.-Prof. Dr.' Bettina Rockenbach				
<b>10</b>	<b>Miscellaneous</b> Relevant reading will be announced at the beginning of each term.				

<b>Specialisation Module Topics in Design and Behavior C</b>					
<b>Module Code</b> 1289SMTD03	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Topics in Design and Behavior C		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> German and English
<b>2</b>	<b>Module Content</b> Latest issues in institution and market design, plus methods and theories used in behavioural economics and applied microeconomics.				
<b>3</b>	<b>Learning Objectives</b> Students... ... investigate current theoretical and applied issues in market and institution design with the methods and theories used in behavioural economics and microeconomics. ... examine and assess the applicability of various economic concepts. ... discuss the results in written form and in class with other course participants.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendations: Core modules Microeconomics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Axel Ockenfels Univ.-Prof. Dr.' Bettina Rockenbach				
<b>10</b>	<b>Miscellaneous</b> Relevant reading will be announced at the beginning of each term.				

<b>SuM Energy and Climate Change I</b>					
<b>Module Code</b> 1289MEECC1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Energy Markets and Regulation		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Economic models of energy markets and infrastructure</li> <li>• Short- and long-term equilibria</li> <li>• Market design and regulation</li> <li>• Institutions and policies</li> <li>• New technologies</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand advanced, specialized theories / methods in the area of energy economics.</li> <li>... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists.</li> <li>... act responsibly considering ecological, social and ethical criteria.</li> <li>... critically evaluate current political, institutional, technological, and social developments.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Supply Chain Management:                             <ul style="list-style-type: none"> <li>Supplementary Section Supply Chain Management</li> </ul> </li> <li>Master of Science Information Systems:                             <ul style="list-style-type: none"> <li>Supplementary Section Information Systems</li> </ul> </li> <li>Master of Science Economics:                             <ul style="list-style-type: none"> <li>Specialization Section Economics</li> </ul> </li> <li>Master of Arts Politikwissenschaft:                             <ul style="list-style-type: none"> <li>Supplementary Section Political Science</li> </ul> </li> <li>Master of Science International Management:                             <ul style="list-style-type: none"> <li>Supplementary Section International Management</li> </ul> </li> <li>Master of Science Economic Research:                             <ul style="list-style-type: none"> <li>Supplementary Section Economic Research</li> </ul> </li> </ul>				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Marc Oliver Bettzüge				
<b>10</b>	<b>Miscellaneous</b>				



<b>SuM Energy and Climate Change II</b>					
<b>Module Code</b> 1289MEECC2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Growth, Energy, Climate Change		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> This module sheds light on the interrelation between energy use, economic growth, and environmental impacts like climate change. It starts with an introduction on natural science foundations, especially the laws of thermodynamics and their relevance for economics. On this basis, the course covers resource economics, capital theory, the role of energy in production and economic growth, and selected issues in climate policy.				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialized theories / methods in the area of energy economics. ... analyse current questions and challenges in the area of energy economics. ... communicate continuously and purposefully in diverse teams. ... act responsibly considering ecological, social and ethical criteria.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Economic Research: Supplementary Section Economic Research Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America				
<b>9</b>	<b>Module Manager</b> PD Dr. Dietmar Lindenberger				
<b>10</b>	<b>Miscellaneous</b>				

<b>SuM Energy and Climate Change III</b>					
<b>Module Code</b> 1289MEECC3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Quantitative Methods in Energy Economics		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Numerical approaches to energy market modelling</li> <li>• Optimisation problems in energy economics</li> <li>• Empirical methods in energy economics</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... learn how to apply quantitative methods for analysing problems in energy economics. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... write an academic paper on a selected topic and achieve thereby their own scientific contribution. ... present scientific results in a way that is appropriate for the target audience. ... use techniques of scientific work and good scientific practice.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: SuM Energy and Climate Change I				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Information Systems: Supplementary Section Information Systems Master of Science Economics: Specialization Section Economics Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Marc Oliver Bettzüge				
<b>10</b>	<b>Miscellaneous</b>				

<b>SuM Energy and Climate Change IV</b>					
<b>Module Code</b> 1289MEECC4	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Model UNFCCC - Climate Change Strategy		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Economics of climate change</li> <li>• Resource economics</li> <li>• Fundamentals of energy economics</li> <li>• Environmental economics</li> <li>• Economics and politics of international climate change agreements</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... analyse current questions and challenges in the area of energy economics and climate policy.</li> <li>... write an academic paper on a selected topic and achieve thereby their own scientific contribution.</li> <li>... communicate continuously and purposefully in diverse teams.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... develop work processes for real problems and challenges.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Supply Chain Management:                             <ul style="list-style-type: none"> <li>Supplementary Section Supply Chain Management</li> </ul> </li> <li>Master of Science Information Systems:                             <ul style="list-style-type: none"> <li>Supplementary Section Information Systems</li> </ul> </li> <li>Master of Science Economics:                             <ul style="list-style-type: none"> <li>Specialization Section Economics</li> </ul> </li> <li>Master of Arts Politikwissenschaft:                             <ul style="list-style-type: none"> <li>Supplementary Section Political Science</li> </ul> </li> <li>Master of Science Economic Research:                             <ul style="list-style-type: none"> <li>Supplementary Section Economic Research</li> </ul> </li> </ul>				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Marc Oliver Bettzüge				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Markets and Economic Policy I</b>					
<b>Module Code</b> 1302MSMEP1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Growth, Inequality and Structural Change		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Neoclassical Growth</li> <li>• The Rate and the Direction of Technical Change</li> <li>• Automation, Work and Leisure</li> <li>• Men, Robots, and Artificial Intelligence</li> <li>• Sectorial Change (Deindustrialisation, Services, Real Estate, Rise of the State)</li> <li>• Technical Change and Inequality</li> <li>• The Affluent Society and its Economic Problems</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: CM Macroeconomics or CM Advanced Macroeconomics I				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Economic Research: Supplementary Section Economic Research Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Peter Funk
<b>10</b>	<b>Miscellaneous</b>

<b>SpM Markets and Economic Policy II</b>					
<b>Module Code</b> 1302MSMEP2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Money and Financial Markets		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Empirical Evidence on monetary policy effects</li> <li>• Transaction frictions and money demand</li> <li>• Financial intermediation, banks, and liquidity</li> <li>• Monetary policy and banking</li> <li>• Financial contracts</li> <li>• Financial acceleration</li> <li>• Unconventional monetary policy and interbank markets</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialized theories / methods in the area of monetary theory, policy and financial markets. ... analyse current questions and challenges in the area of monetary theory, policy and financial markets. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... critically evaluate current social developments and develop alternative solutions.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: CM Macroeconomics or CM Advanced Macroeconomics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Master of Science International Management: Supplementary Section International Management Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Markets and Economic Policy III</b>					
<b>Module Code</b> 1302MSMEP3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Development Economics		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Introduction to development economics based on theoretical and empirical research</li> <li>• Causes and consequences of poverty, underinvestment in health, education, and wealth</li> <li>• Risk and insurance</li> <li>• Methods to evaluate development projects and policies</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... assess and discuss findings and research results of specialized theories / methods. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... justify and defend (independently developed) positions or problem solutions. ... evaluate their own action processes in self- and external reflection and identify development potentials.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration)				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Erik Hornung				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Markets and Economic Policy IV</b>					
<b>Module Code</b> 1302MSMEP4	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Macroeconomics of the Labour Market		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Labour Market Dynamics: job creation and destruction</li> <li>• Theory of Search Unemployment</li> <li>• The Search and Matching Model of the Labour Market</li> <li>• Structural Labour Market Policy: Employment Protection and Unemployment Insurance</li> <li>• Labour Markets and the Business Cycle</li> <li>• Specific Topics in Macroeconomics of the Labour Market</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... assess and discuss findings and research results of specialized theories / methods.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists.</li> <li>... critically evaluate current social developments and develop alternative solutions.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: CM Macroeconomics or CM Advanced Macroeconomics; CM Microeconomics or CM Microeconomics (Business Administration) or CM Advanced Microeconomics; CM Mathematics or CM Advanced Mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <p>Master of Science Economics:                      Specialization Section Economics                      Supplementary Section</p> <p>Master of Arts Regionalstudien China - Volkswirtschaftslehre:                      Economics Master Regional Studies China</p> <p>Master of Arts Politikwissenschaft:                      Supplementary Section Political Science</p> <p>Master of Science Business Administration - Finance:                      Supplementary Section Finance</p> <p>Master of Science Information Systems:                      Supplementary Section Information Systems</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:                      Economics Master Regional Studies Eastern Europe</p> <p>Master of Science Economic Research:</p>				

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	<p>Supplementary Section Economic Research                  Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development                  Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:                  Economics Master Regional Studies Latin America</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Michael Krause, Ph.D.</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Markets and Economic Policy V</b>					
<b>Module Code</b> 1302MSMEP5	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Determinants of Growth in Economic History		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Introduction to the determinants of long-term development and growth in economic history, especially geography, institutions and cultural factors</li> <li>• Methods for assessing causal relationships between the determinants and current economic development</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... assess and discuss findings and research results of specialized theories / methods.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... evaluate their own action processes in self- and external reflection and identify development potentials.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration)				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Economics:                             <ul style="list-style-type: none"> <li>Specialization Section Economics</li> <li>Supplementary Section</li> </ul> </li> <li>Master of Arts Politikwissenschaft:                             <ul style="list-style-type: none"> <li>Supplementary Section Political Science</li> </ul> </li> <li>Master of Science Business Administration - Finance:                             <ul style="list-style-type: none"> <li>Supplementary Section Finance</li> </ul> </li> <li>Master of Science Information Systems:                             <ul style="list-style-type: none"> <li>Supplementary Section Information Systems</li> </ul> </li> <li>Master of Science Economic Research:                             <ul style="list-style-type: none"> <li>Supplementary Section Economic Research</li> </ul> </li> </ul>				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Erik Hornung				
<b>10</b>	<b>Miscellaneous</b>				

<b>Specialisation module Competition Policy</b>					
<b>Module Code</b> 1289SMCP00	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Competition Policy		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Institutional background: competition policy in Germany, the EU and the US</li> <li>• Market power: theory and measurement</li> <li>• Unilateral abuse of market power: horizontal and vertical restraints on competition</li> <li>• Multilateral abuse of market power: cartels and implicit agreements</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... recognise, based on models of competition theory, how competitive markets work. ... discuss the causes of market power and its effects in terms of welfare economics. ... assess, evaluate and debate cases that illustrate competition policy in practice and use competition theory to analyse them.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> No recommendations				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Information Systems: Supplementary Section Information Systems Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Mathematik: Economics Master of Science Economics: Specialization Section Economics Supplementary Section Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Science Wirtschaftsmathematik: Economics Master of Science International Management: Core and Advanced Section International Management				

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	<p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science Geographie: Economics Master Geography</p> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Media Economics</b>					
<b>Module Code</b> 1289MSMEC1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Media Economics		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Characteristics of media markets</li> <li>• Cost and revenue structures on media markets</li> <li>• Digital transformation of media markets</li> <li>• Political economy of media markets</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... analyse current questions and challenges. ... assess and discuss findings and research results of specialised theories / methods. ... critically evaluate current social developments and develop alternative solutions.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science International Management: Supplementary Section International Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Economic Research: Supplementary Section Economic Research Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:				

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	Supplementary Section Business Education
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Johannes Münster
<b>10</b>	<b>Miscellaneous</b>

<b>CM Health Economics III</b>					
<b>Module Code</b> 1282MBHHE3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Information problems in healthcare markets		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Relevant players on these markets, their goals and factors influencing decisions</li> <li>• Relationships between the players and implications in terms of health care market design</li> <li>• Analysis of existing health care systems in Europe and the rest of the world</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... analyse current questions and challenges.</li> <li>... assess and discuss findings and research results of specialized theories / methods.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... critically evaluate current social developments and develop alternative solutions.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Economics: Specialization Section Economics Supplementary Section</p> <p>Master of Science Gesundheitsökonomie: Core and Advanced Section Health Economics</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p>				

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<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller
<b>10</b>	<b>Miscellaneous</b>

<b>Specialisation module Topics in Markets and Institutions A</b>					
<b>Module Code</b> 1302SMTM02	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Topics in Markets and Institutions A		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• What is regulation? Which industries are regulated and why?</li> <li>• Institutional background of selected industries (e.g. electricity, telecommunication)</li> <li>• Natural monopolies and “essential facilities”</li> <li>• Access to one-sided networks (electricity, fixed-line network, rail)</li> <li>• Access to two-sided networks (mobile telecommunication)</li> <li>• Consumer protection and regulation</li> <li>• Selected current issues in regulation</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... describe why certain industries are regulated. ... analyse the possibilities and limitations of regulation. ... apply theoretical knowledge to real cases and industries.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> No recommendations				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller				
<b>10</b>	<b>Miscellaneous</b> The courses will be held weekly during term or in the form of block tuition.				

<b>Specialisation Module Topics in Markets and Institutions B</b>					
<b>Module Code</b> 1302SMTM03	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Topics in Markets and Institutions B b) Empirical Industrial Organization (Research Track)		<b>Contact Hours</b> a) 60h b) 60h	<b>Self-Studies</b> a) 120h b) 120h	<b>Course Language</b> a) English b) English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Empirical industrial economics</li> <li>• Empirical modelling, econometric methods and economic theory</li> <li>• Competition policy and regulation</li> <li>• Use of statistical and econometric software</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... practise applying and assessing empirical methods used in the field of industrial economics, based on fundamental and current research contributions (e.g. demand estimation, structural estimation of production functions, models of market entry). ... thereby gain advanced knowledge of econometric methods, apply selected models used in theoretical industrial economics and assess intervention through competition policy and regulation.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendations: Core module Econometrics or Econometrics (Research Track), core module Microeconomics I or Microeconomics I (Research Track)				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test. Only one course must be attended; the examination refers to the topic of only one course.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr.' Susanne Prantl				
<b>10</b>	<b>Miscellaneous</b> The "Empirical Industrial Organization (Research Track)" course consists of lectures and integrated exercise units. In the latter, the students learn how to use statistical and econometric software and practise applying empirical methods used in industrial economics. Additional information will be provided at the beginning of the term in the relevant online systems.				

<b>SpM Market Design and Behaviour I</b>					
<b>Module Code</b> 1289MSMDB1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Information and Strategy		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> This module introduces students to the economics of information. It deals with strategic decisions in light of asymmetric information and also with the design of information systems. Possible topics include strategic communication, persuasion, reputation or social learning.				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialized theories / methods in the area of information economics. ... assess and discuss findings and research results of specialized theories / methods. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... present scientific results in a way that is appropriate for the target audience.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: CM Microeconomics or CM Microeconomics (Business Administration)				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Market Design and Behaviour V</b>					
<b>Module Code</b> 1289MSMDB5	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Corporate Taxation		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Tax competition between jurisdictions</li> <li>• Digitisation and Tax Policy</li> <li>• Reform options for corporate taxation</li> <li>• Cash flow based taxation, border adjustments and trade policy</li> <li>• Carbon pricing and border adjustments</li> <li>• Corporate taxation and corporate finance</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand the implications of the digital transformation of the economy for tax policy. ... can analyse reform options for corporate taxation. ... develop a conceptual framework to think through the interdependencies of corporate taxation, trade policy and environmental policy. ... learn to communicate about policy relevant research to an academic audience. ... learn to communicate about policy relevant research to non-academic audience. ... engage in a discourse about reform options for policy design. ... analyse public policy taking account of ethical, ecological and social concerns. ... assess current tax policy debates and proposed solutions. ... use the techniques of empirical and theoretical research in applied public finance.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: CM Microeconomics or CM Microeconomics (Business Administration)				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Master of Science Economic Research: Supplementary Section Economic Research Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Felix Bierbrauer				
<b>10</b>	<b>Miscellaneous</b>				



<b>SpM Empirical Methods and Data Analysis I</b>					
<b>Module Code</b> 1314MSEMD1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Statistical Inference b) Topics in Econometrics and Statistics I		<b>Contact Hours</b> a) 45h b) 45h	<b>Self-Studies</b> a) 135h b) 135h	<b>Course Language</b> a) English b) English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Foundations of probability theory</li> <li>• Theory of point estimation and estimation techniques (e.g. maximum likelihood)</li> <li>• Theory of hypothesis testing and selected tests</li> <li>• Interval estimation</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialised theories / methods.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: solid basic knowledge of probability theory				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Core and Advanced Section Supply Chain Management Master of Science Economics: Specialization Section Economics Supplementary Section Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance: Core and Advanced Section Finance Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Business Administration - Marketing: Core and Advanced Section Marketing				

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	<p>Master of Science Economic Research:                  Supplementary Section Economic Research</p> <p>Master of Science Business Administration - Corporate Development:                  Core and Advanced Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:                  Core and Advanced Section Accounting and Taxation</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Dominik Wied</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Empirical Methods and Data Analysis III</b>					
<b>Module Code</b> 1314MSEMD3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Time Series Econometrics b) Stochastic Models and Processes c) Topics in Econometrics and Statistics III		<b>Contact Hours</b> a) 45h b) 45h c) 45h	<b>Self-Studies</b> a) 135h b) 135h c) 135h	<b>Course Language</b> a) English b) English c) English
<b>2</b>	<b>Module Content</b> a) Time Series Econometrics: <ul style="list-style-type: none"> <li>• ARMA Models</li> <li>• State-Space Models</li> <li>• Models for Non-Stationary Time Series</li> <li>• Multivariate Time Series Models</li> <li>• Non-Stationarity in Multivariate Time Series</li> </ul> b) Stochastic Models and Processes: <ul style="list-style-type: none"> <li>• Deepening topics in statistical inference</li> <li>• bootstrap</li> <li>• nonparametric density estimation</li> <li>• nonparametric tests (e.g. for independence)</li> <li>• Brownian motions</li> <li>• Poisson processes</li> <li>• Markov processes</li> </ul> Course c) Topics in Econometrics and Statistics III will be offered if available.				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Solid basic knowledge of probability theory				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Core and Advanced Section Supply Chain Management				

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	<p>Master of Science Economics:  Specialization Section Economics  Supplementary Section</p> <p>Master of Arts Politikwissenschaft:  Supplementary Section Political Science</p> <p>Master of Science Business Administration - Finance:  Core and Advanced Section Finance  Supplementary Section Finance</p> <p>Master of Science Information Systems:  Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Marketing:  Supplementary Section Marketing</p> <p>Master of Science Business Administration - Corporate Development:  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:  Supplementary Section Accounting and Taxation</p> <p>Master of Science Business Administration - Marketing:  Core and Advanced Section Marketing</p> <p>Master of Science Economic Research:  Specialization Section Economic Research  Supplementary Section Economic Research</p> <p>Master of Science Business Administration - Corporate Development:  Core and Advanced Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:  Core and Advanced Section Accounting and Taxation</p>
<b>9</b>	<p><b>Module Manager</b>  Univ.-Prof. Dr. Dominik Wied</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Empirical Methods and Data Analysis IV</b>					
<b>Module Code</b> 1314MSEMD4	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Statistical Analysis of Financial Data b) Topics in Econometrics and Statistics IV		<b>Contact Hours</b> a) 45h b) 45h	<b>Self-Studies</b> a) 135h b) 135h	<b>Course Language</b> a) English b) English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Properties of financial time series</li> <li>• Time series models</li> <li>• Efficiency of financial markets</li> <li>• Empirical analysis of the capital asset pricing model</li> <li>• Empirical analysis of intertemporal asset pricing models</li> <li>• Volatility models</li> <li>• Market Microstructure and high-frequency data</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... justify and defend (independently developed) positions or problem solutions.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Solid knowledge of statistical and econometric methods; CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development:				

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	<p>Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Accounting and Taxation:                  Supplementary Section Accounting and Taxation</p> <p>Master of Science Economic Research:                  Supplementary Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b></p> <p>Univ.-Prof. Dr. Roman Liesenfeld</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Empirical Methods and Data Analysis V</b>					
<b>Module Code</b> 1314MSEMD5	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Multivariate Statistics b) Panel Data Analysis c) Bayesian Econometrics d) Topics in Econometrics and Statistics V		<b>Contact Hours</b> a) 45h b) 45h c) 45h d) 45h	<b>Self-Studies</b> a) 135h b) 135h c) 135h d) 135h	<b>Course Language</b> a) English b) English c) English d) English
<b>2</b>	<p><b>Module Content</b></p> <p>a) Multivariate Statistics:</p> <ul style="list-style-type: none"> <li>• Analysis of Variance</li> <li>• Eigenvalues</li> <li>• Principal Component Analysis</li> <li>• Factor Analysis</li> <li>• Discriminant Analysis</li> <li>• Cluster Analysis</li> <li>• Multivariate Testing</li> <li>• Correlation Analysis</li> </ul> <p>b) Panel Data Analysis:</p> <ul style="list-style-type: none"> <li>• Static Panel Data Model</li> <li>• Dynamic Panel Data Model</li> <li>• Extensions</li> <li>• Factor Analysis</li> </ul> <p>c) Bayesian Econometrics:</p> <ul style="list-style-type: none"> <li>• Basic Principles of Bayesian Econometrics</li> <li>• Bayesian Estimators and Numerical Integration</li> <li>• Importance Sampling and Markov-Chain-Monte-Carlo</li> <li>• Gaussian Linear Regression Model with Conjugate Priors</li> <li>• Gaussian Linear Regression Model with Non-Conjugate Priors</li> <li>• Linear Regression Model with General Error Covariance Matrix</li> <li>• Time Series Models</li> <li>• Models for discrete dependent variables</li> <li>• Students will practice the use of the methods using econometric software to analyse economic data</li> </ul> <p>d) Topics in Econometrics and Statistics 5:</p> <ul style="list-style-type: none"> <li>• Recent statistical and econometric methods</li> <li>• Applications in business administration, management studies and economics and social sciences</li> </ul>				
<b>3</b>	<p><b>Learning Objectives</b></p> <p>Students...</p> <ul style="list-style-type: none"> <li>... understand advanced, specialized methods in Statistics and Econometrics.</li> <li>... analyse current questions and challenges in Statistics and Econometrics.</li> <li>... analyse data material for selected scientific questions using statistical and econometric methods.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... discuss scientific topics in a professional manner and appropriate to the situation with specialists.</li> <li>... use techniques of scientific work and good scientific practice.</li> </ul>				

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<b>4</b>	<p><b>Teaching and Learning Methods</b> lecture practice</p>
<b>5</b>	<p><b>Module Entry Requirements</b> Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics</p>
<b>6</b>	<p><b>Mode of End-Of-Module Examination</b> Oral examination: OE</p>
<b>7</b>	<p><b>Prerequisites for Awarding of Credit Points</b> Passing the oral examination of one course. A course is to be attended; the oral examination relates to the content of one course.</p>
<b>8</b>	<p><b>Other Programmes that Use the Module</b> Master of Science Economics:     Specialization Section Economics     Supplementary Section Master of Arts Politikwissenschaft:     Supplementary Section Political Science Master of Science Business Administration - Finance:     Supplementary Section Finance Master of Science Information Systems:     Supplementary Section Information Systems Master of Science Business Administration - Marketing:     Supplementary Section Marketing Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation Master of Science Economic Research:     Supplementary Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Dr. Bastian Gribisch</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>CM Comparative Political Institutions</b>					
<b>Module Code</b> 1335MBCPI1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Comparative Political Institutions		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Institutionalism and neoinstitutionalism</li> <li>• Veto player and veto point theory</li> <li>• Theory of structure-induced equilibria</li> <li>• Problem areas: aggregation of individual preferences, coordination of individual decisions, collective action, delegation relationships and risk of "agency loss"</li> <li>• Time consistency and commitments</li> <li>• Endogeneity of institutions and institutional reform</li> <li>• Empirical findings of conventional international comparative studies</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialised theories / methods. ... assess and discuss findings and research results of specialised theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... evaluate their own action processes in self- and external reflection and identify development potentials.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Supplementary Section Master of Arts Politikwissenschaft: Core and Advanced Section Political Science Master of Science Economic Research: Supplementary Section Economic Research Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften: Social Sciences Master Regional Studies Eastern Europe Master of Arts Regionalstudien Lateinamerika - Sozialwissenschaften: Social Sciences Master Regional Studies Latin America Master of Arts Regionalstudien China - Sozialwissenschaften: Social Sciences Master Regional Studies China				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. André Kaiser				

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<b>10</b>	<b>Miscellaneous</b>
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<b>CM Comparative Political Economy</b>					
<b>Module Code</b> 1335MBCPE1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Comparative Political Economy		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Approaches used in political economy and comparative research into government activity</li> <li>• International comparison of the political economy of markets</li> <li>• International comparison of political and institutional change in various areas</li> <li>• Specific research methods in comparative political economy</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand advanced, specialised theories / methods.</li> <li>... assess and discuss findings and research results of specialised theories / methods.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... evaluate their own action processes in self- and external reflection and identify development potentials.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <p>Master of Science Economics: Supplementary Section</p> <p>Master of Arts Politikwissenschaft: Core and Advanced Section Political Science</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften: Social Sciences Master Regional Studies Eastern Europe</p> <p>Master of Arts Regionalstudien Lateinamerika - Sozialwissenschaften: Social Sciences Master Regional Studies Latin America</p> <p>Master of Arts Regionalstudien China - Sozialwissenschaften: Social Sciences Master Regional Studies China</p>				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr.' Christine Trampusch				
<b>10</b>	<b>Miscellaneous</b>				

<b>CM Democratic Theory and Practice</b>					
<b>Module Code</b> 1335MBDTP1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Democratic Theory and Practice		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Survey of classical and contemporary democratic theory</li> <li>• Conceptualizing, justifying and critiquing the democratic ideal</li> <li>• Assessing real-world challenges to the democratic ideal, e.g. inequality, multiculturalism, globalization</li> <li>• Evaluating and comparing the performance of democracies and non-democracies</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand advanced, specialized theories / methods.</li> <li>... assess and discuss findings and research results of specialized theories / methods.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... evaluate their own action processes in self- and external reflection and identify development potentials.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <p>Master of Science Economics: Supplementary Section</p> <p>Master of Arts Politikwissenschaft: Core and Advanced Section Political Science</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften: Social Sciences Master Regional Studies Eastern Europe</p> <p>Master of Arts Regionalstudien Lateinamerika - Sozialwissenschaften: Social Sciences Master Regional Studies Latin America</p> <p>Master of Arts Regionalstudien China - Sozialwissenschaften: Social Sciences Master Regional Studies China</p>				
<b>9</b>	<b>Module Manager</b> Jun.-Prof.' Chitrlekha Basu, Ph.D				
<b>10</b>	<b>Miscellaneous</b>				

<b>CM International Relations</b>					
<b>Module Code</b> 1335MBIRE1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> International Relations		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> German and English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• International Politics</li> <li>• Foreign Policy</li> <li>• Transnational Politics</li> <li>• Peace and conflict studies</li> <li>• Security Policy</li> <li>• Information and Communication</li> <li>• Multi-level analysis</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialised theories / methods. ... assess and discuss findings and research results of specialised theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... evaluate their own action processes in self- and external reflection and identify development potentials.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Supplementary Section Master of Arts Politikwissenschaft: Core and Advanced Section Political Science Master of Science Economic Research: Supplementary Section Economic Research Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften: Social Sciences Master Regional Studies Eastern Europe Master of Arts Regionalstudien Lateinamerika - Sozialwissenschaften: Social Sciences Master Regional Studies Latin America Master of Arts Regionalstudien China - Sozialwissenschaften: Social Sciences Master Regional Studies China				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Thomas Jäger				

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<b>10</b>	<b>Miscellaneous</b>
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<b>CM European Politics</b>					
<b>Module Code</b> 1335MBCED1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> European Politics		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Analytical models of European politics</li> <li>• Functioning of democracy in European nation states and in the European Union</li> <li>• Parties and Party Competition in Europe</li> <li>• Comparative Analysis of Political Institutions in Europe</li> <li>• Current Developments in Research on European Politics</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... understand advanced, specialized theories / methods.</li> <li>... assess and discuss findings and research results of specialized theories / methods.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... evaluate their own action processes in self- and external reflection and identify development potentials.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Economics: Supplementary Section</li> <li>Master of Arts Politikwissenschaft: Core and Advanced Section Political Science</li> <li>Master of Science Economic Research: Supplementary Section Economic Research</li> <li>Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften: Social Sciences Master Regional Studies Eastern Europe</li> <li>Master of Arts Regionalstudien Lateinamerika - Sozialwissenschaften: Social Sciences Master Regional Studies Latin America</li> <li>Master of Arts Regionalstudien China - Sozialwissenschaften: Social Sciences Master Regional Studies China</li> </ul>				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Sven-Oliver Proksch				
<b>10</b>	<b>Miscellaneous</b>				

<b>Specialisation Module Foundations in Macroeconomics and Public Policy B</b>					
<b>Module Code</b> 1302FMPP02	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Financial Intermediation Theory and Financial Regulation		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> German and English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• recent and advanced topics in the field of Macroeconomics, Money and Financial Markets and Public Policy</li> <li>• Financial Markets and Financial Frictions</li> <li>• Banks as Financial Intermediaries: Risk, Maturity, and Liquidity Transformation</li> <li>• Bank Competition</li> <li>• Financial Fragility</li> <li>• Banking Crises</li> <li>• Bank Regulation</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know the empirical facts of current and specific topics in the field of Macroeconomics and Public Policy. ... understand economic theory models about these topics. ... explain empirical facts using these models. ... use the models to structure and answer current economic policy questions taking into account the empirical facts.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert				
<b>10</b>	<b>Miscellaneous</b>				

<b>Specialisation Module Topics in Macroeconomics and Public Policy</b>					
<b>Module Code</b> 1302TMPP01	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Tax Policy		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Optimal taxation of income and products</li> <li>• Optimal tax structure: direct versus indirect taxation</li> <li>• Optimal tax policy, public goods and eco-taxes</li> <li>• New dynamic public finance</li> <li>• Political economics of tax policy</li> <li>• Tax competition</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... are aware of current research findings in the theory of taxation and its implications for current tax policy issues. ... apply the information economics principles of modern tax theory. ... read specialist journals critically				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the written test.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert				
<b>10</b>	<b>Miscellaneous</b>				

<b>SpM Business Ethics</b>					
<b>Module Code</b> 1253MSBET1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Managing Business Ethics in Markets and Organisations		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> This module introduces basic business ethics concepts and applies them to decision making of managers and employees. It draws on standard ethics theories, like teleology, deontology, virtue ethics and fairness concepts. Business decisions in organisations and markets are discussed and evaluated in the light of these foundations. Case studies are employed to illustrate and apply the theoretical concepts.				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods. ... solve team-internal conflicts and target divergences independently. ... justify and defend (independently developed) positions or problem solutions. ... evaluate their own action processes in self- and external reflection and identify development potentials. ... act responsibly considering ecological, social and ethical criteria. ... critically evaluate current social developments and develop alternative solutions.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics: Supplementary Section Master of Science Gesundheitsökonomie: Supplementary Section Health Economics Master of Science International Management:				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	<p>Core and Advanced Section International Management                  Supplementary Section International Management                  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:                  Supplementary Section Business Education                  Master of Arts Medienwissenschaft:                  MA Media Management and Economics                  Master of Science Economic Research:                  Supplementary Section Economic Research                  Master of Science Business Administration - Corporate Development:                  Specialization Section Corporate Development                  Master of Arts Regionalstudien China - Betriebswirtschaftslehre:                  Business Administration Master Regional Studies China</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Bernd Irlenbusch</p>
<b>10</b>	<p><b>Miscellaneous</b>                  This module can contain courses which takes place either until the middle of the semester (1. term) or from the middle of the semester (2. term). The required examinations are generally offered after the respective term.</p>

<b>SpM Strategic Human Resource Management</b>					
<b>Module Code</b> 1253MSSHR1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Strategic Human Resource Management		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> The module teaches how Human Resource Management creates economic value and contributes to the implementation of corporate strategies.				
<b>3</b>	<b>Learning Objectives</b> Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... communicate continuously and purposefully in diverse teams. ... solve team-internal conflicts and target divergences independently. ... justify and defend (independently developed) positions or problem solutions. ... act responsibly considering ecological, social and ethical criteria. ... develop work processes for real problems and challenges.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: WT (60), PRES				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics: Supplementary Section Master of Science Gesundheitsökonomie: Supplementary Section Health Economics Master of Science International Management: Supplementary Section International Management Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education Master of Arts Medienwissenschaft: MA Media Management and Economics				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	<p>Master of Science Economic Research:                  Supplementary Section Economic Research</p> <p>Master of Science Business Administration - Corporate Development:                  Specialization Section Corporate Development</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre:                  Business Administration Master Regional Studies China</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Dirk Sliwka</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Strategic Management</b>					
<b>Module Code</b> 1253MSSMG1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Strategic Management (1. Term)		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Fundamentals of strategic management</li> <li>• Basic concepts and tools for analysing strategic positioning for companies on the market</li> <li>• Basic concepts and tools for analysing competition</li> <li>• Applying theoretical concepts on strategic positioning and competition in case studies</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... analyse current questions and challenges.</li> <li>... assess and discuss findings and research results of specialized theories / methods.</li> <li>... collect and analyse data material for selected scientific questions using quantitative / qualitative methods.</li> <li>... communicate continuously and purposefully in diverse teams.</li> <li>... solve team-internal conflicts and target divergences independently.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... present scientific results in a way that is appropriate for the target audience.</li> <li>... evaluate their own action processes in self- and external reflection and identify development potentials.</li> <li>... act responsibly considering ecological, social and ethical criteria.</li> <li>... critically evaluate current social developments and develop alternative solutions.</li> <li>... develop work processes for real problems and challenges.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Economics: Supplementary Section				

MODULE CATALOGUE - ECONOMIC RESEARCH – MASTER OF SCIENCE

Valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

	<p>Master of Science Gesundheitsökonomie: Supplementary Section Health Economics</p> <p>Master of Science International Management: Core and Advanced Section International Management Supplementary Section International Management</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Arts Medienwissenschaft: MA Media Management and Economics</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science Business Administration - Corporate Development: Specialization Section Corporate Development</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Matthias Heinz</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>Studies Abroad in Economic Research I</b>					
<b>Module Code</b> 1314SMStA1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b> depending on course choice				
<b>3</b>	<b>Learning Objectives</b> Students... ... discuss and compare different theories and approaches of economics. ... develop new intellectual perspectives on their own educational background. ... recognise the dynamic global dimensions of their future professional lives.				
<b>4</b>	<b>Teaching and Learning Methods</b> depending on course choice				
<b>5</b>	<b>Module Entry Requirements</b> depending on course choice				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> TR - depending on course selection				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> depending on course choice				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b>				
<b>10</b>	<b>Miscellaneous</b> Language: can be held in English or in any language offered at the host university. This module can be studied at a foreign university. In this case, there is a standardised course crediting procedure. Information about course crediting (deadlines and procedures) is available from the Credit Transfer Center (WiSo-Anrechnungszentrum : <a href="https://www.anrechnungswiso.uni-koeln.de/">https://www.anrechnungswiso.uni-koeln.de/</a> .) This module can also be studied as part of a Summer School organised by the WiSo-Faculty. In this case, the previous exam registration has to be done according to the regulations of the WiSo-Faculty.				

<b>Studies Abroad in Economic Research II</b>					
<b>Module Code</b> 1314SMStA2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b> depending on course choice				
<b>3</b>	<b>Learning Objectives</b> Students... ... discuss and compare different theories and approaches of economics. ... develop new intellectual perspectives on their own educational background. ... recognise the dynamic global dimensions of their future professional lives.				
<b>4</b>	<b>Teaching and Learning Methods</b> depending on course choice				
<b>5</b>	<b>Module Entry Requirements</b> depending on course choice				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> TR - depending on course selection				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> depending on course choice				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b>				
<b>10</b>	<b>Miscellaneous</b> Language: can be held in English or in any language offered at the host university. This module can be studied at a foreign university. In this case, there is a standardised course crediting procedure. Information about course crediting (deadlines and procedures) is available from the Credit Transfer Center (WiSo-Anrechnungszentrum : <a href="https://www.anrechnungswiso.uni-koeln.de/">https://www.anrechnungswiso.uni-koeln.de/</a> .) This module can also be studied as part of a Summer School organised by the WiSo-Faculty. In this case, the previous exam registration has to be done according to the regulations of the WiSo-Faculty.				

<b>Studies Abroad in Economic Research III</b>					
<b>Module Code</b> 1314SMStA3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b> depending on course choice				
<b>3</b>	<b>Learning Objectives</b> Students... ... discuss and compare different theories and approaches of economics. ... develop new intellectual perspectives on their own educational background. ... recognise the dynamic global dimensions of their future professional lives.				
<b>4</b>	<b>Teaching and Learning Methods</b> depending on course choice				
<b>5</b>	<b>Module Entry Requirements</b> depending on course choice				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> TR - depending on course selection				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> depending on course choice				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economic Research: Supplementary Section Economic Research				
<b>9</b>	<b>Module Manager</b>				
<b>10</b>	<b>Miscellaneous</b> Language: can be held in English or in any language offered at the host university. This module can be studied at a foreign university. In this case, there is a standardised course crediting procedure. Information about course crediting (deadlines and procedures) is available from the Credit Transfer Center (WiSo-Anrechnungszentrum : <a href="https://www.anrechnungswiso.uni-koeln.de/">https://www.anrechnungswiso.uni-koeln.de/</a> .) This module can also be studied as part of a Summer School organised by the WiSo-Faculty. In this case, the previous exam registration has to be done according to the regulations of the WiSo-Faculty.				

## 3.6.4 Master Thesis

<b>Master thesis in Economic Research and Colloquium</b>					
<b>Module Code</b>	<b>Workload</b>	<b>ECTS Credits</b>	<b>Module Language</b>	<b>Module Availability</b>	<b>Duration</b>
1015MaER00		30	German and English	every term	1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b> The topic of the Master's thesis must emphasize the methods of economics learned during the course of study.				
<b>3</b>	<b>Learning Objectives</b> Students... ... know the current state of the theoretical and methodical discussions of the subject and use it through independent scientific work. ... identify scientifically viable questions and problems. ... work on these questions independently on the basis of the relevant primary and secondary literature. ... formulate theoretical and methodical (qualitative and/or quantitative) approaches for scientific research work. ... draw up a research plan and implement it independently. ... organise and design a scientific research process. ... collect relevant data on their own responsibility and evaluate them methodically and competently. ... discuss theoretical and methodical problems in depth in exchange with teachers, other students and those interested in the subject. ... critically evaluate research results and develop scientifically and socially relevant conclusions from research results.				
<b>4</b>	<b>Teaching and Learning Methods</b> Master's thesis defense Master's Thesis				
<b>5</b>	<b>Module Entry Requirements</b> 60 ECTS credits obtained				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: written thesis (6 months), presentation				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the combined examination.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economic Research: Master Thesis				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert				
<b>10</b>	<b>Miscellaneous</b>				