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Please keep in mind the year of validity.

FACULTY OF MANAGEMENT,
ECONOMICS AND SOCIAL SCI-
ENCES

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

ECONOMICS (for students enrolled from winter term 2018/19)

MASTER OF SCIENCE

IN ACCORDANCE WITH THE EXAMINATION REGULATIONS FOR THE SINGLE MAJOR
MASTER PROGRAMME IN ECONOMICS

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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 Economics

The Master in Economics programme gives students the sound academic training they require to perform economic and financial consultancy work as well as prepares them for roles involving the analysis and design of economic systems, treaty-making as well as negotiating institutions and solutions to problems faced by specific markets. Graduates from the programme understand macroeconomic and microeconomic processes and structures and are able to analyse them using theoretical and empirical research methods and develop possible solutions to economic problems on their own.

1.1 Content and objectives of the programme

Graduates enjoy various career opportunities in posts with an economic focus at public institutions such as government ministries, central banks, government offices and public administrations (such as regulatory authorities), European institutions (such as the EU Commission) and international institutions (such as the OECD, IMF or World Bank). Research centres and economics departments of private establishments (banks, consultancies, large industrial companies, associations and media) are also potential employers. By combining certain specialisation modules (e.g. energy, media or financial economics) with supplementary business administration modules, students create additional opportunities for themselves on the job market in business administration in the narrower sense of the term. Graduates can also find work in consultancies, academic research institutes or higher education institutions. To be accepted to the programme, students must hold a bachelor degree in a relevant area and meet the requirements set out in the “Regulations concerning determination of aptitude” (Ordnung zur Feststellung der besonderen Eignung).

1.2 Requirements

To be accepted for the Master Economics programme, applicants must have successfully completed a bachelor programme, on which they earned at least 180 ECTS credits, or an equivalent programme. In accordance with the Regulations concerning determination of aptitude for the Economics programme (Ordnung zur Feststellung der besonderen Eignung für den Studiengang Economics) a programme is deemed successfully completed if the overall mark was at least 2.7 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 Economics and
- at least 48 further ECTS credits in the field of Economics and Social Sciences
- at least 15 ECTS credits in the field of Statistics and/or Mathematics (methodological expertise only, no user expertise)

or Variant b)

- at least 40 ECTS credits in the field of Mathematics

Proof of English language skills to at least B2 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.

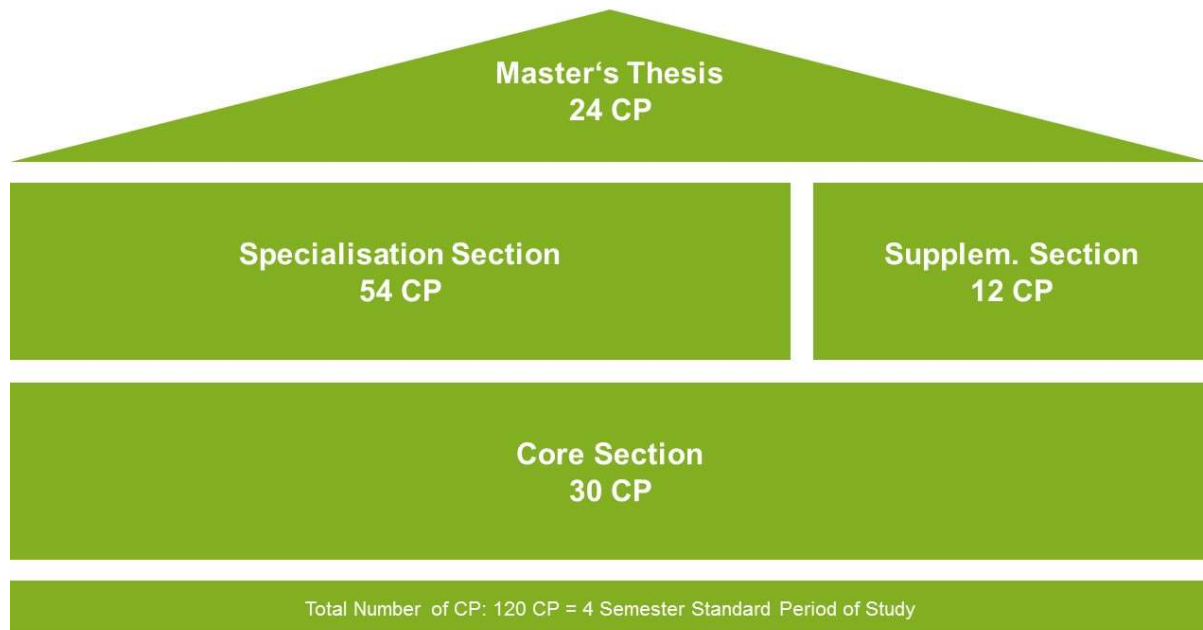
If the number of applicants who meet the admission requirements is higher than the number of places available on the programme, a selection process is conducted to rank the applicants. The selection procedure is based on the result of the applicant's bachelor degree or of a degree recognised as being equivalent and the result of a voluntary study aptitude test (TM-WISO, GMAT or 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. They begin with core modules, which contribute a total of 30 ECTS credits. In the supplementary module section, they can accumulate 12 ECTS credits on courses in other subject areas offered by the Faculty. The specialisation section consists of two subject areas (fields), each worth 18 ECTS credits. Furthermore, the additional area 'Selected Issues in Economics' is compulsory in this section. The students can choose their fields themselves, enabling them to decide which specific topics they wish to focus on. Seven subject areas are available: Energy Economics, Economic Design & Behavior, Markets & Institutions, Macroeconomics, Money and Financial Markets, Growth, Labor and Inequality, Macroeconomics and Public Economics and Statistics & Econometrics. The master's thesis to be written at the end of the programme carries 24 ECTS credits.

In the Specialisation section, it is strongly recommended to complete the fields at first before taking modules in the additional area 'Selected Issues in Economics' as a later transfer of achieved credit points is not possible. Otherwise, it may be that students are not able to finish a field if they have already chosen the missing module in the additional area.

In the supplementary section, students have to be aware of the fact that there is only a limited offer of English modules in some areas (e.g. Accounting and Taxation, Controlling, Business Taxation, Audit). If you do not have knowledge of German language, please check the module languages and cycles carefully before choosing an area in order to avoid a prolongation of your study time.



1.4 Double Master's Programme in Economics

The WiSo Faculty has established a **Double Master's Programme in Economics** in cooperation with Keio University. Students admitted to the double degree track are spending one year at Keio University and receive the master's degrees of both universities after successful completion. The **International Relations Center (ZIB WiSo)** serves as point of information and advice concerning the application process and the study plan.

1.5 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

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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.

Every year, aside from the STAP programme, the WiSo Faculty organises an exclusive short-term study option WiSo@NYC which takes place in New York City.

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.

Credit transfer options from studies abroad:

The WiSo Faculty has put a lot of emphasis on internationalisation in the design of its master courses, offering broad credit transfer options for all kinds of study abroad options. Each master course includes at least one "Studies Abroad" module, with a broad range of courses suitable for credit transfer. In addition, a single course-to-course credit transfer can be considered. For more information on credit transfer rules and regulations, please go to [**WiSo Credit Transfer Center**](#) > Information > Studies Abroad. For any questions regarding credit transfer, students can contact the [**ZIB WiSo**](#) or the [**WiSo Credit Transfer Center**](#).

1.6 Sample study plans

M.Sc. Economics				
	EC/ CC	Module	Section	CP
1	CC	CM Microeconomics	Core section	6
1	CC	CM Macroeconomics	Core section	6
1	CC	CM Econometrics I	Core section	6
1	CC	CM Mathematics	Core section	6
1	CC	Core Module Methods	Core section	6
				30
2	EC	Specialisation module I Field I	Specialisation section	6
2	EC	Specialisation module II Field I	Specialisation section	6
2	EC	Specialisation module I Field II	Specialisation section	6
2	EC	Specialisation module Seminar Field I	Specialisation section	6
2	EC	Supplementary module I	Supplementary section	6
				30
3	EC	Specialisation module II Field II	Specialisation section	6
3	EC	Specialisation module Seminar Field II	Specialisation section	6
3	EC	Specialisation module Selected Issues I	Specialisation section	6
3	EC	Specialisation module Selected Issues II	Specialisation section	6
3	EC	Supplementary module II	Supplementary section	6
				30
4	EC	Specialisation module Selected Issues III	Specialisation section	6
4	CC	Master's Thesis Economics		24
				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 Economics programme, the weighting for the contributions to the overall mark is as follows:

- a) Mark for core and advanced section: 30 of 120 ECTS credits
- b) Mark for specialisation section: 54 of 120 ECTS credits
- c) Mark for supplementary section: 12 of 120 ECTS credits
- d) Mark for master's thesis: 24 of 120 ECTS credits

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

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.

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**.

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 30a (1), No. 1 of the Examination Regulations, the examination candidate must obtain 30 ECTS credits in the core section.

Group	Module	ECTS	CC/EC	Required
Fundamentals	CM Mathematics	6	CC	30
	CM Microeconomics	6	CC	
	CM Macroeconomics	6	CC	
	CM Econometrics ¹	6	CC	
	Core Module Methods	6	CC	

¹ No examination registration possible, if the core module Econometrics I (1314BMEc01) has already been passed.

3.2 Specialisation section

In accordance with paragraph 30a (1), No. 2 of the Examination Regulations, the examination candidate must obtain 54 ECTS credits in three sub-groups of the specialisation section whereas the sub-group 'Selected Issues in Economics' is compulsory.

Group	Module	ECTS	CC/EC	Required
Selected Issues in Economics	AM Empirical Methods	6	EC	18
	SpM Market Design and Behaviour I	6	EC	
	SpM Market Design and Behaviour II	6	EC	
	SpM Market Design and Behaviour III	6	EC	
	SpM Market Design and Behaviour IV	6	EC	
	Specialisation Module Behavioral Economics	6	EC	
	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	
	SpM Market Design and Mechanism Design	6	EC	
	SpM Markets and Economic Policy I	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: Seminar Markets and Institutions	6	EC	
	Specialisation module Competition Policy	6	EC	
	SpM Media Economics	6	EC	
	CM Health Economics III ¹	6	EC	
	Specialisation module Topics in Markets and Institutions A	6	EC	
	Specialisation Module Topics in Markets and Institutions B	6	EC	
	SpM Empirical Methods and Data Analysis I	6	EC	
SpM Empirical Methods and Data Analysis III	6	EC		

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	SpM Empirical Methods and Data Analysis IV	6	EC		
	SpM Empirical Methods and Data Analysis V	6	EC		
Design and Behavior	Specialisation Module Seminar Design and Behavior	6	CC	6	18
	SpM Market Design and Behaviour II	6	EC	12	
	SpM Market Design and Behaviour IV	6	EC		
	Specialisation Module Behavioral Economics	6	EC		
	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		
	SpM Market Design and Mechanism Design	6	EC		
Energy Economics	Specialisation Module Seminar in Energy, Resource and Environmental Economics	6	CC	6	18
	SuM Energy and Climate Change I	6	EC	12	
	SuM Energy and Climate Change II	6	EC		
	SuM Energy and Climate Change III	6	EC		
	SuM Energy and Climate Change IV	6	EC		
Growth, Labor and Inequality in the Global Economy	Specialisation module Seminar in Growth, Labor and Inequality in the Global Economy	6	CC	6	18
	SpM Markets and Economic Policy I	6	EC	12	
	SpM Markets and Economic Policy III	6	EC		
	SpM Markets and Economic Policy IV	6	EC		
	SpM Markets and Economic Policy V	6	EC		
Markets & Institutions	Specialisation module: Seminar Markets and Institutions	6	CC	6	18
	Specialisation module Competition Policy	6	EC	12	
	SpM Media Economics	6	EC		
	SpM Market Design and Behaviour I	6	EC		
	SpM Market Design and Behaviour III	6	EC		
	CM Health Economics III	6	EC		

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	Specialisation module Topics in Markets and Institutions A	6	EC		
	Specialisation Module Topics in Markets and Institutions B	6	EC		
	SpM Market Design and Mechanism Design	6	EC		
Macroeconomics and Public Policy	Specialisation Module Seminar in Macroeconomics and Public Policy	6	EC	18	
	SpM Markets and Economic Policy II	6	EC		
	SpM Market Design and Behaviour V	6	EC		
	SpM Advanced Public Economics	6	EC		
	SpM Markets and Economic Policy III	6	EC		
	Specialisation Module Foundations in Macroeconomics and Public Policy B	6	EC		
	Specialisation Module Topics in Macroeconomics and Public Policy	6	EC		
Statistics & Econometrics	SpM Empirical Methods and Data Analysis I	6	EC	18	
	SpM Empirical Methods and Data Analysis III	6	EC		
	SpM Empirical Methods and Data Analysis IV	6	EC		
	SpM Empirical Methods and Data Analysis V	6	EC		
	Specialisation Module Seminar Statistics and Econometrics	6	EC		
Studies Abroad	Studies Abroad in Economics (Master)	18	CC	18	

3.3 Supplementary section

In accordance with paragraph 30a (1) No. 3 of the Examination Regulations, the examination candidate must obtain 12 ECTS credits in a sub-group of the supplementary section.

Group	Module	ECTS	CC/EC	Required
Accounting and Taxation	SpM Taxation I	6	EC	12
	SpM Taxation II	6	EC	
	SpM Controlling I	6	EC	
	SpM Controlling II	6	EC	
	SpM Accounting I	6	EC	
	SpM Accounting II	6	EC	
	SpM Selected Issues in Accounting & Taxation I	6	EC	
	SpM Selected Issues in Accounting & Taxation II	6	EC	
	SpM Advanced Accounting	6	EC	
Controlling	SpM Controlling I	6	EC	12
	SpM Controlling II	6	EC	
	SpM Advanced Accounting	6	EC	
	SpM Selected Issues in Accounting & Taxation I	6	EC	
	SpM Selected Issues in Accounting & Taxation II	6	EC	
	Specialisation module Finance 7	6	EC	
Corporate Development	SpM Business Ethics	6	EC	12
	SpM Strategic Human Resource Management	6	EC	
	SpM Strategic Management	6	EC	
Economic Psychology	SuM Introduction to Economic Psychology	12	CC	12

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Finance	Specialisation Module Financial Theory	12	EC	12
	Specialisation Module Financial Institutions Management	12	EC	
	Specialisation Module Finance 5	6	EC	
	Specialisation module Finance 7	6	EC	
	Specialisation Module Value-Based Management in Insurance	6	EC	
Marketing	SpM Marketing in Specific Contexts I	6	EC	12
	SpM Marketing in Specific Contexts II	6	EC	
	SpM Marketing in Specific Contexts III	6	EC	
	SpM Brand Management	6	EC	
Medienmanagement	SuM Media and Technology Management - Enterprises, Markets, and Strategies	6	EC	12
	SuM Media and Technology Management - Selected Issues I	6	EC	
	SuM Media and Technology Management - Selected Issues II	6	EC	
	SuM Media and Technology Management - Research and Publications	6	EC	
Politikwissenschaft	CM Comparative Political Institutions	6	EC	12
	CM Comparative Political Economy	6	EC	
	CM Democratic Theory and Practice	6	EC	
	CM International Relations	6	EC	
	CM European Politics	6	EC	
	CM Research Design	6	EC	
Sozialpolitik	SuM Social Regional Development and Co-Operatives	12	EC	12
	SpM Health Care Systems II ¹	6	EC	
	CM Health Care Systems ²	6	EC	
Supply Chain Management	SpM Supply Chain Innovation	6	EC	12
	Specialisation Module Project Management	6	EC	
	SpM Selected Issues in Behavioural Supply Chain Management	6	EC	
	SpM Supply Chain Operations	6	EC	
	Specialisation Module Operative Supply Chain Planning	6	EC	

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Unternehmensbesteuerung	SpM Taxation I	6	EC	12
	SpM Taxation II	6	EC	
	SpM Selected Issues in Accounting & Taxation II	6	EC	
	CM International Tax Law	6	EC	
	CM Tax Accounting Law	6	EC	
	CM Selected Issues of Tax Law	6	EC	
Wirtschaftsgeographie	SuM Economic Geography I	6	EC	12
	SuM Economic Geography II	6	EC	
	SuM Economic Geography III	6	EC	
	SuM Economic Geography IV	6	EC	
Wirtschaftsprüfung	SpM Accounting I	6	EC	12
	SpM Accounting II	6	EC	
	SpM Selected Issues in Accounting & Taxation I	6	EC	
	SpM Selected Issues in Accounting & Taxation II	6	EC	
Selected Issues in Economics	AM Empirical Methods	6	EC	12
	SpM Market Design and Behaviour I	6	EC	
	SpM Market Design and Behaviour II	6	EC	
	SpM Market Design and Behaviour III	6	EC	
	SpM Market Design and Behaviour IV	6	EC	
	Specialisation Module Behavioral Economics	6	EC	
	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	
	SpM Market Design and Mechanism Design	6	EC	
	SpM Markets and Economic Policy I	6	EC	
	SpM Markets and Economic Policy III	6	EC	
	SpM Markets and Economic Policy IV	6	EC	

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	SpM Markets and Economic Policy V	6	EC	
	Specialisation module: Seminar Markets and Institutions	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 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	
	SpM Empirical Methods and Data Analysis V	6	EC	
	Specialisation Module Topics in Macroeconomics and Public Policy	6	EC	
	Specialisation Module Seminar Statistics and Econometrics	6	EC	
	Stduies Abroad in Economics A	6	EC	
	Stduies Abroad in Economics B	6	EC	
Economic Research	CM Advanced Mathematics	6	EC	12
	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 Market Design and Mechanism Design	6	EC	
	SpM Political Economy and Media Economics	6	EC	
	SpM Advanced Public Economics	6	EC	
	SpM Advanced Behavioural Economics	6	EC	
	SpM Frictions, Technology, and Inequality	6	EC	
	SpM Empirical Methods and Data Analysis II	6	EC	

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	SpM Empirical Methods and Data Analysis III	6	EC	
Studies Abroad	Studies Abroad I (Master)	12	CC	12

¹ No examination registration possible if the core module Trans- and international perspective (1282BTInP0) has already been passed.

² No examination registration possible if the core module Information Problems in Health Markets (1282BlpGm0) has already been passed.

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, which carries 24 ECTS credits, is written towards the end of the programme. It is intended to show that the student is capable of conducting academic work on and reflecting on a specific problem related to the subject matter covered on the programme, using the necessary methods and within a specified period. The topic of the master's thesis must reflect the economic methods learned during the programme.

Group master's theses are also permitted provided a clear distinction between and assessment of each candidate's contribution is possible. Objective criteria that make a clear distinction possible, such as sections, page numbers or topics, are used to indicate which student made which contribution. The total workload required of each group member must exceed the requirements for individual masters' theses to an appropriate extent. The difficulty and content of a group thesis must meet the same requirements as for theses undertaken individually and independently. The contribution made by each individual must meet the requirements for masters' theses.

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 Economics

CM Mathematics					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1314MBMAT1	180h	6	English	every 2nd term - winter term	1 Term
1	Courses Mathematics for Economists		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Systems of linear equations, fundamentals of linear algebra, determinants, eigenvalues and eigenvectors • Optimisation of functions of several variables • Difference and differential equations • Systems of difference and differential equations 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... communicate continuously and purposefully in diverse teams. ... evaluate their own action processes in self- and external reflection and identify development potentials.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Knowledge of mathematics for economists on bachelor level				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Core and Advanced Section Economics 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 Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America				
9	Module Manager				

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	Prof. Dr. Rainer Dyckerhoff
10	Miscellaneous

CM Microeconomics					
Module Code 1289MBMIC1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Microeconomics		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content The course focuses on microeconomic theory. Next to the fundamental question of an efficient and sustainable resource allocation, the main emphasis is on game theory and information asymmetries. Aggregation of information in democratic decisions and desirable normative criteria for such decisions are also covered.				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods in microeconomics. ... assess and discuss findings and research results of specialized theories / methods. ... act responsibly considering ecological, social and ethical criteria. ... critically evaluate current social developments and develop alternative solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Core and Advanced Section Economics Master of Arts Politikwissenschaft: Supplementary Section Political Science				
9	Module Manager Univ.-Prof. Dr. Christoph Schottmüller				
10	Miscellaneous				

CM Macroeconomics					
Module Code 1302MBMAC1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Macroeconomics		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content The course focuses on macroeconomic theory and issues. In its first part, it covers key determinants of economic growth and cross-country income differences, using modern growth theory. In the second part, short-term fluctuations in economic activity and stabilisation policy are covered, using real business cycle and new Keynesian models. Both parts ask when market outcomes are sustainable, whether they coincide with outcomes that are optimal from society's perspective, and whether economic policy can help achieve socially desirable outcomes. The course also introduces methods of dynamic optimisation and simulation of macroeconomic models.				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... present scientific results in a way that is appropriate for the target audience. ... act responsibly considering ecological, social and ethical criteria. ... critically evaluate current social developments and develop alternative solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Microeconomics, Macroeconomics and Bachelor Level Mathematics				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Core and Advanced Section Economics 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 Science International Management: Supplementary Section International Management Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Business Administration - Corporate Development:				

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

CM Econometrics					
Module Code 1314MBECO1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Econometrics		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Linear regression model • Least squares (LS) method and generalized least squares (GLS) method • Endogeneity and instrumental variable (IV) method • Maximum likelihood (ML) method • Models for limited dependent variables • Time series models 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... justify and defend (independently developed) positions or problem solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendation				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Core and Advanced Section Supply Chain Management Master of Science Economics: Core and Advanced Section Economics Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research 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:				

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	<p>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 Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe</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> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America</p>
9	<p>Module Manager</p> <p>Univ.-Prof. Dr. Roman Liesenfeld</p>
10	<p>Miscellaneous</p>

Core Module Methods					
Module Code 1289BMMe00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses a) Experimental Methods b) Computational Methods		Contact Hours a) 60h b) 60h	Self-Studies a) 120h b) 120h	Course Language a) English b) English
2	Module Content Experimental Methods: <ul style="list-style-type: none"> • Experimental methods in economics • Experimental design • Performance of experiments • Evaluation of data from economic experiments Computational Methods: <ul style="list-style-type: none"> • Programming of numerical algorithms • Numerical approximation • Numerical solution of root and optimisation problems • Application to canonical economic problems • Parameterisation, solution and simulation of structural economic models 				
3	Learning Objectives Students... ... apply numerical methods and programs to solve and simulate quantitative structural economic models (Computational Methods). ... apply and assess different methods and applications of experimental economic research and interpret experimental data (Experimental Methods). ... adapt the terminology of the field to the target audience.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test for one course. Only one course must be attended; the examination for refers to the topic of only one course.				
8	Other Programmes that Use the Module Master of Science Economics: Core and Advanced Section Economics Master of Science Geographie: Economics Master Geography				
9	Module Manager Univ.-Prof. Dr. Andreas Schabert Univ.-Prof. Dr. Christoph Schottmüller				

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10	Miscellaneous
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3.6.2 Specialisation Section Economics

AM Empirical Methods					
Module Code 1314MAEMT1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Empirical Methods		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Principles of modern data analysis • Parametric and nonparametric statistical inference • Causal Inference • Specialized econometric tools • Machine learning and big-data methods • Classification methods 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... use techniques of scientific work and good scientific practice.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements Recommendation: BM Econometrics				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Core and Advanced Section Supply Chain Management Master of Science Economics: Specialization Section Economics Supplementary Section Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance:				

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	<p>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 Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Business Administration - Corporate Development: Core and Advanced Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Core and Advanced Section Accounting and Taxation Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America</p>
9	<p>Module Manager Univ.-Prof. Dr. Jörg Breitung</p>
10	<p>Miscellaneous</p>

SpM Market Design and Behaviour I					
Module Code 1289MSMDB1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Information and Strategy		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content 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.				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CM Microeconomics or CM Microeconomics (Business Administration)				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
9	Module Manager Univ.-Prof. Dr. Christoph Schottmüller				
10	Miscellaneous				

SpM Market Design and Behaviour II					
Module Code 1289MSMDB2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability irregular	Duration 1 Term
1	Courses Economic Engineering		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Evaluation of the roles of theory and laboratory/field experiments in the development of markets and incentive systems • Analysis of relevant behavioural phenomena and institutional details of particular importance for specific designs • Discussion of practical applications of economic engineering in matching markets, auctions and other markets 				
3	Learning Objectives Students... ... analyse current questions and challenges in the area of market design. ... write an academic paper on a selected topic and achieve thereby their own scientific contribution. ... discuss problems in markets with respect to different affected groups in a professional manner. ... critically evaluate current developments in different markets and develop alternative solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendation				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Axel Ockenfels				

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10	Miscellaneous
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SpM Market Design and Behaviour III					
Module Code 1289MSMDB3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Economics of Innovation		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content Core and current research in the field Economics of Innovation: <ul style="list-style-type: none"> • Ideas and knowledge production, adoption and diffusion of technologies • Competition in product markets, market entry, innovation, and economic growth • Innovation, productivity, and reallocation • Intellectual property rights, science and basic research • Mobility of innovators and high-skilled individuals • Decision-making of inventors and entrepreneurs • Artificial intelligence, automation, and digital transformation Empirical modelling and econometric methods: <ul style="list-style-type: none"> • Potential outcomes, treatments, assignment mechanisms, and identification of causal effects • Difference-in-differences methods, methods using instrumental variables • Propensity-score and matching methods, non- and semi-parametric models, machine learning 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced methods in the field Economics of Innovation. ... extend and use their knowledge of econometrics, economic theory, and data sources. ... assess and evaluate quantitative findings and research results. ... present and discuss scientific contributions, including their own contributions. ... are introduced to new research questions. ... use techniques of scientific work and good scientific practice. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CMs Econometrics, Microeconomics, and Macroeconomics and AM Empirical Methods in the M.Sc. Economics or the CMs Advanced Econometrics I and II, Advanced Microeconomics I, and Advanced Macroeconomics I in the M.Sc. Economic Research				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				

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	<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>
9	<p>Module Manager Univ.-Prof. Dr.' Susanne Prantl</p>
10	<p>Miscellaneous See the relevant online systems and www.ieam.uni-koeln.de for further information.</p>

SpM Market Design and Behaviour IV					
Module Code 1289MSMDB4	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses a) Auction Theory (WS) b) Contract Theory		Contact Hours a) 60h b) 45h	Self-Studies a) 120h b) 135h	Course Language a) English b) German
2	Module Content Contract Theory: • Principal-agent models • Moral hazard, adverse selection • Hold-up problem • Incomplete contracts /// Auction Theory (winter semester, until 2022/23): • Auctions with "private values": second-price auctions, first-price auctions, reservation prices, revenue equivalence theorem, extensions • Mechanism design: revelation principle, optimal mechanisms, efficient mechanisms • Auctions with "interdependent values": comparisons of auction proceeds, linkage principle				
3	Learning Objectives Students... ... understand advanced, specialized methods of formal institutional economics. ... analyse questions and challenges in situations with asymmetric information. ... assess findings and research results in the theory of economic incentives. ... solve contract-theoretic problems independently.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendation				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination in one of the courses offered.				
8	Other Programmes that Use the Module 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:				

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	Specialization Section Economics Supplementary Section Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research
9	Module Manager Univ.-Prof. Dr. Patrick W. Schmitz
10	Miscellaneous

Specialisation Module Behavioral Economics					
Module Code 1289SMBE00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Behavioral Economics		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content 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.				
3	Learning Objectives Students... ... understand behavioural models and formal arguments. ... apply advanced microeconomic concepts. ... challenge arguments critically.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommended: Core modules in Microeconomics				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module 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 Master of Science Economic Research: Supplementary Section Economic Research				

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9	Module Manager Fachbereich Mikroökonomik Jun.-Prof. Dr. Frederik Schwerter
10	Miscellaneous

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

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

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

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

SpM Market Design and Mechanism Design					
Module Code 1289MSMMD1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Matching and Market Design: Theory and Practice		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content Matching Markets, Mechanism Design with and without monetary transfers				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Knowledge of game theory				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Alexander Westkamp				

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

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

SpM Markets and Economic Policy III					
Module Code 1302MSMEP3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Development Economics		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Introduction to development economics based on theoretical and empirical research • Causes and consequences of poverty, underinvestment in health, education, and wealth • Risk and insurance • Methods to evaluate development projects and policies 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... 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. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration)				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Economics: <ul style="list-style-type: none"> Specialization Section Economics Supplementary Section Master of Arts Politikwissenschaft: <ul style="list-style-type: none"> Supplementary Section Political Science Master of Science Business Administration - Finance: <ul style="list-style-type: none"> Supplementary Section Finance Master of Science Information Systems: <ul style="list-style-type: none"> Supplementary Section Information Systems Master of Science Economic Research: <ul style="list-style-type: none"> Supplementary Section Economic Research 				
9	Module Manager Univ.-Prof. Dr. Erik Hornung				
10	Miscellaneous				

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

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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>
9	<p>Module Manager Univ.-Prof. Michael Krause, Ph.D.</p>
10	<p>Miscellaneous</p>

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

Specialisation module: Seminar Markets and Institutions					
Module Code 1302SMSI00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every term	Duration 1 Term
1	Courses Seminar Markets and Institutions		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content Current issues relating to microeconomic theory, empirical microeconomics, experimental economics, markets and institutions in general.				
3	Learning Objectives Students... ... discuss the current issues in theory and applied practice, applying the microeconomic knowledge they have acquired on the programme. ... read the theoretical and practical literature on the subject and discuss it in a critical manner. ... summarise their findings in an essay, present them in class and discuss them with the other participants. ... engage in academic discourse about specific markets and institutions.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science International Management: Supplementary Section International Management				
9	Module Manager Univ.-Prof. Dr. Johannes Münster Univ.-Prof. Dr.' Susanne Prantl				
10	Miscellaneous				

Specialisation module Competition Policy					
Module Code 1289SMCP00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability irregular	Duration 1 Term
1	Courses Competition Policy		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Institutional background: competition policy in Germany, the EU and the US • Market power: theory and measurement • Unilateral abuse of market power: horizontal and vertical restraints on competition • Multilateral abuse of market power: cartels and implicit agreements 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module 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>
9	<p>Module Manager Univ.-Prof. Dr. Christoph Schottmüller</p>
10	<p>Miscellaneous</p>

SpM Media Economics					
Module Code 1289MSMEC1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Media Economics		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Characteristics of media markets • Cost and revenue structures on media markets • Digital transformation of media markets • Political economy of media markets 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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
9	Module Manager Univ.-Prof. Dr. Johannes Münster
10	Miscellaneous

CM Health Economics III					
Module Code 1282MBHHE3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Information problems in healthcare markets		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Relevant players on these markets, their goals and factors influencing decisions • Relationships between the players and implications in terms of health care market design • Analysis of existing health care systems in Europe and the rest of the world 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... analyse current questions and challenges. ... 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. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <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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9	Module Manager Univ.-Prof. Dr. Christoph Schottmüller
10	Miscellaneous

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

Specialisation Module Topics in Markets and Institutions B					
Module Code 1302SMTM03	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability irregular	Duration 1 Term
1	Courses a) Topics in Markets and Institutions B b) Empirical Industrial Organization (Research Track)		Contact Hours a) 60h b) 60h	Self-Studies a) 120h b) 120h	Course Language a) English b) English
2	Module Content <ul style="list-style-type: none"> • Empirical industrial economics • Empirical modelling, econometric methods and economic theory • Competition policy and regulation • Use of statistical and econometric software 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendations: Core module Econometrics or Econometrics (Research Track), core module Microeconomics I or Microeconomics I (Research Track)				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test. Only one course must be attended; the examination refers to the topic of only one course.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
9	Module Manager Univ.-Prof. Dr.' Susanne Prantl				
10	Miscellaneous 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.				

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

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

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

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

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4	<p>Teaching and Learning Methods lecture practice</p>
5	<p>Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics</p>
6	<p>Mode of End-Of-Module Examination Oral examination: OE</p>
7	<p>Prerequisites for Awarding of Credit Points Passing the oral examination of one course. A course is to be attended; the oral examination relates to the content of one course.</p>
8	<p>Other Programmes that Use the Module 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>
9	<p>Module Manager Dr. Bastian Gribisch</p>
10	<p>Miscellaneous</p>

Specialisation Module Seminar Design and Behavior					
Module Code 1289SMSD00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every term	Duration 1 Term
1	Courses Seminar Design and Behavior		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content Current issues in design, behavioural and experimental economics				
3	Learning Objectives Students... ... independently investigate current issues in research and applied practice in design and behavioural economics, applying the microeconomic knowledge they have acquired on the programme. ... critically study the theoretical and practical literature on the subjects. ... summarise their findings in a written paper, present their results and discuss them with the other seminar participants.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Master of Science International Management: Supplementary Section International Management				
9	Module Manager Univ.-Prof. Dr.' Bettina Rockenbach				
10	Miscellaneous Relevant reading will be announced at the beginning of each term.				

SpM Market Design and Behaviour II					
Module Code 1289MSMDB2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability irregular	Duration 1 Term
1	Courses Economic Engineering		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Evaluation of the roles of theory and laboratory/field experiments in the development of markets and incentive systems • Analysis of relevant behavioural phenomena and institutional details of particular importance for specific designs • Discussion of practical applications of economic engineering in matching markets, auctions and other markets 				
3	Learning Objectives Students... ... analyse current questions and challenges in the area of market design. ... write an academic paper on a selected topic and achieve thereby their own scientific contribution. ... discuss problems in markets with respect to different affected groups in a professional manner. ... critically evaluate current developments in different markets and develop alternative solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendation				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Axel Ockenfels				

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10	Miscellaneous
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SpM Market Design and Behaviour IV					
Module Code 1289MSMDB4	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses a) Auction Theory (WS) b) Contract Theory		Contact Hours a) 60h b) 45h	Self-Studies a) 120h b) 135h	Course Language a) English b) German
2	Module Content Contract Theory: • Principal-agent models • Moral hazard, adverse selection • Hold-up problem • Incomplete contracts /// Auction Theory (winter semester, until 2022/23): • Auctions with "private values": second-price auctions, first-price auctions, reservation prices, revenue equivalence theorem, extensions • Mechanism design: revelation principle, optimal mechanisms, efficient mechanisms • Auctions with "interdependent values": comparisons of auction proceeds, linkage principle				
3	Learning Objectives Students... ... understand advanced, specialized methods of formal institutional economics. ... analyse questions and challenges in situations with asymmetric information. ... assess findings and research results in the theory of economic incentives. ... solve contract-theoretic problems independently.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendation				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination in one of the courses offered.				
8	Other Programmes that Use the Module 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:				

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	Specialization Section Economics Supplementary Section Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research
9	Module Manager Univ.-Prof. Dr. Patrick W. Schmitz
10	Miscellaneous

Specialisation Module Behavioral Economics					
Module Code 1289SMBE00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Behavioral Economics		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content 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.				
3	Learning Objectives Students... ... understand behavioural models and formal arguments. ... apply advanced microeconomic concepts. ... challenge arguments critically.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommended: Core modules in Microeconomics				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module 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 Master of Science Economic Research: Supplementary Section Economic Research				

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9	Module Manager Fachbereich Mikroökonomik Jun.-Prof. Dr. Frederik Schwerter
10	Miscellaneous

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

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

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

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

SpM Market Design and Mechanism Design					
Module Code 1289MSMMD1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Matching and Market Design: Theory and Practice		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content Matching Markets, Mechanism Design with and without monetary transfers				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Knowledge of game theory				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Alexander Westkamp				

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10	Miscellaneous
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Specialisation Module Seminar in Energy, Resource and Environmental Economics					
Module Code 1289SMSE00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Seminar in Energy, Resource and Environmental Economics		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content Varying topics from the areas of: <ul style="list-style-type: none"> • Energy economics • Environmental economics • Resource economics • Climate change economics 				
3	Learning Objectives Students... ... acquire the skills necessary for independent conceptual work in the fields of energy, environmental, resource or climate change economics. ... independently analyse current issues in research and practice, using the economics knowledge gained on the programme. ... critically examine the subject-specific, scientific and applied literature, summarise their findings in a piece of written work, present the results in a seminar and discuss them with the other seminar participants.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Marc Oliver Bettzüge				
10	Miscellaneous				

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

SuM Energy and Climate Change II					
Module Code 1289MEECC2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Growth, Energy, Climate Change		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content 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.				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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				
9	Module Manager PD Dr. Dietmar Lindenberger				
10	Miscellaneous				

SuM Energy and Climate Change III					
Module Code 1289MEECC3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability irregular	Duration 1 Term
1	Courses Quantitative Methods in Energy Economics		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Numerical approaches to energy market modelling • Optimisation problems in energy economics • Empirical methods in energy economics 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... 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. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements Recommendation: SuM Energy and Climate Change I				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Business Administration - Supply Chain Management: <ul style="list-style-type: none"> Supplementary Section Supply Chain Management Master of Science Information Systems: <ul style="list-style-type: none"> Supplementary Section Information Systems Master of Science Economics: <ul style="list-style-type: none"> Specialization Section Economics Master of Arts Politikwissenschaft: <ul style="list-style-type: none"> Supplementary Section Political Science Master of Science Economic Research: <ul style="list-style-type: none"> Supplementary Section Economic Research 				
9	Module Manager Univ.-Prof. Dr. Marc Oliver Bettzüge				
10	Miscellaneous				

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

Specialisation module Seminar in Growth, Labor and Inequality in the Global Economy					
Module Code 1302SMMSG00	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every term	Duration 1 Term
1	Courses Seminar in Growth, Labor and Inequality in the Global Economy		Contact Hours 30h	Self-Studies 150h	Course Language German and English
2	Module Content The content is based on key or current issues and methods used in academic work.				
3	Learning Objectives Students... ... independently investigate current issues in research and applied practice in the area of growth, labour and inequality and ... apply the theoretical and empirical skills they have acquired on the programme when conducting their investigation. ... critically study the theoretical and practical literature on the subjects. ... summarise their findings in a written paper, present their results and discuss them with the other seminar participants.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics				
9	Module Manager Univ.-Prof. Dr. Peter Funk				
10	Miscellaneous				

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

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

SpM Markets and Economic Policy III					
Module Code 1302MSMEP3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Development Economics		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Introduction to development economics based on theoretical and empirical research • Causes and consequences of poverty, underinvestment in health, education, and wealth • Risk and insurance • Methods to evaluate development projects and policies 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... 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. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration)				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Economics: <ul style="list-style-type: none"> Specialization Section Economics Supplementary Section Master of Arts Politikwissenschaft: <ul style="list-style-type: none"> Supplementary Section Political Science Master of Science Business Administration - Finance: <ul style="list-style-type: none"> Supplementary Section Finance Master of Science Information Systems: <ul style="list-style-type: none"> Supplementary Section Information Systems Master of Science Economic Research: <ul style="list-style-type: none"> Supplementary Section Economic Research 				
9	Module Manager Univ.-Prof. Dr. Erik Hornung				
10	Miscellaneous				

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

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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>
9	<p>Module Manager Univ.-Prof. Michael Krause, Ph.D.</p>
10	<p>Miscellaneous</p>

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

Specialisation module: Seminar Markets and Institutions					
Module Code 1302SMSI00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every term	Duration 1 Term
1	Courses Seminar Markets and Institutions		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content Current issues relating to microeconomic theory, empirical microeconomics, experimental economics, markets and institutions in general.				
3	Learning Objectives Students... ... discuss the current issues in theory and applied practice, applying the microeconomic knowledge they have acquired on the programme. ... read the theoretical and practical literature on the subject and discuss it in a critical manner. ... summarise their findings in an essay, present them in class and discuss them with the other participants. ... engage in academic discourse about specific markets and institutions.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science International Management: Supplementary Section International Management				
9	Module Manager Univ.-Prof. Dr. Johannes Münster Univ.-Prof. Dr.' Susanne Prantl				
10	Miscellaneous				

Specialisation module Competition Policy					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1289SMCP00	180h	6	English	irregular	1 Term
1	Courses Competition Policy		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Institutional background: competition policy in Germany, the EU and the US • Market power: theory and measurement • Unilateral abuse of market power: horizontal and vertical restraints on competition • Multilateral abuse of market power: cartels and implicit agreements 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... 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. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Business Administration - Supply Chain Management: <ul style="list-style-type: none"> Supplementary Section Supply Chain Management Master of Science Information Systems: <ul style="list-style-type: none"> Supplementary Section Information Systems Master of Arts Politikwissenschaft: <ul style="list-style-type: none"> Supplementary Section Political Science Master of Science Business Administration - Finance: <ul style="list-style-type: none"> Supplementary Section Finance Master of Science Business Administration - Corporate Development: <ul style="list-style-type: none"> Supplementary Section Corporate Development Master of Science Mathematik: <ul style="list-style-type: none"> Economics Master of Science Economics: <ul style="list-style-type: none"> Specialization Section Economics Supplementary Section Master of Arts Regionalstudien China - Volkswirtschaftslehre: <ul style="list-style-type: none"> Economics Master Regional Studies China Master of Science Wirtschaftsmathematik: <ul style="list-style-type: none"> Economics Master of Science International Management: <ul style="list-style-type: none"> 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>
9	<p>Module Manager Univ.-Prof. Dr. Christoph Schottmüller</p>
10	<p>Miscellaneous</p>

SpM Media Economics					
Module Code 1289MSMEC1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Media Economics		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Characteristics of media markets • Cost and revenue structures on media markets • Digital transformation of media markets • Political economy of media markets 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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
9	Module Manager Univ.-Prof. Dr. Johannes Münster
10	Miscellaneous

SpM Market Design and Behaviour I					
Module Code 1289MSMDB1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Information and Strategy		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content 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.				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CM Microeconomics or CM Microeconomics (Business Administration)				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
9	Module Manager Univ.-Prof. Dr. Christoph Schottmüller				
10	Miscellaneous				

SpM Market Design and Behaviour III					
Module Code 1289MSMDB3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Economics of Innovation		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content Core and current research in the field Economics of Innovation: <ul style="list-style-type: none"> • Ideas and knowledge production, adoption and diffusion of technologies • Competition in product markets, market entry, innovation, and economic growth • Innovation, productivity, and reallocation • Intellectual property rights, science and basic research • Mobility of innovators and high-skilled individuals • Decision-making of inventors and entrepreneurs • Artificial intelligence, automation, and digital transformation Empirical modelling and econometric methods: <ul style="list-style-type: none"> • Potential outcomes, treatments, assignment mechanisms, and identification of causal effects • Difference-in-differences methods, methods using instrumental variables • Propensity-score and matching methods, non- and semi-parametric models, machine learning 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced methods in the field Economics of Innovation. ... extend and use their knowledge of econometrics, economic theory, and data sources. ... assess and evaluate quantitative findings and research results. ... present and discuss scientific contributions, including their own contributions. ... are introduced to new research questions. ... use techniques of scientific work and good scientific practice. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CMs Econometrics, Microeconomics, and Macroeconomics and AM Empirical Methods in the M.Sc. Economics or the CMs Advanced Econometrics I and II, Advanced Microeconomics I, and Advanced Macroeconomics I in the M.Sc. Economic Research				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				

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	<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>
9	<p>Module Manager Univ.-Prof. Dr.' Susanne Prantl</p>
10	<p>Miscellaneous See the relevant online systems and www.ieam.uni-koeln.de for further information.</p>

CM Health Economics III					
Module Code 1282MBHHE3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Information problems in healthcare markets		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Relevant players on these markets, their goals and factors influencing decisions • Relationships between the players and implications in terms of health care market design • Analysis of existing health care systems in Europe and the rest of the world 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... analyse current questions and challenges. ... 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. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <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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9	Module Manager Univ.-Prof. Dr. Christoph Schottmüller
10	Miscellaneous

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

Specialisation Module Topics in Markets and Institutions B					
Module Code 1302SMTM03	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability irregular	Duration 1 Term
1	Courses a) Topics in Markets and Institutions B b) Empirical Industrial Organization (Research Track)		Contact Hours a) 60h b) 60h	Self-Studies a) 120h b) 120h	Course Language a) English b) English
2	Module Content <ul style="list-style-type: none"> • Empirical industrial economics • Empirical modelling, econometric methods and economic theory • Competition policy and regulation • Use of statistical and econometric software 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendations: Core module Econometrics or Econometrics (Research Track), core module Microeconomics I or Microeconomics I (Research Track)				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test. Only one course must be attended; the examination refers to the topic of only one course.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
9	Module Manager Univ.-Prof. Dr.' Susanne Prantl				
10	Miscellaneous 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.				

SpM Market Design and Mechanism Design					
Module Code 1289MSMMD1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Matching and Market Design: Theory and Practice		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content Matching Markets, Mechanism Design with and without monetary transfers				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Knowledge of game theory				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Alexander Westkamp				

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10	Miscellaneous
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Specialisation Module Seminar in Macroeconomics and Public Policy					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1302SMPP01	180h	6	English	every term	1 Term
1	Courses Seminar in Macroeconomics and Public Policy		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content The content is based on fundamental or current issues and covers academic work methods.				
3	Learning Objectives Students... ... acquire the skills needed for jobs requiring independent conceptual work in the field of "Macroeconomics and Public Policy". ... independently investigate current issues in research and applied practice in macroeconomics and public policy ... apply the theoretical and empirical skills they have acquired on the programme while doing so. ... critically study the theoretical and practical literature on the subjects. ... summarise their findings in a written paper, present their results and discuss them with the other seminar participants. ... engage in academic discourse.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Master of Science International Management: Supplementary Section International Management				
9	Module Manager Univ.-Prof. Dr. Andreas Schabert				
10	Miscellaneous				

SpM Markets and Economic Policy II					
Module Code 1302MSMEP2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability irregular	Duration 1 Term
1	Courses Money and Financial Markets		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Empirical Evidence on monetary policy effects • Transaction frictions and money demand • Financial intermediation, banks, and liquidity • Monetary policy and banking • Financial contracts • Financial acceleration • Unconventional monetary policy and interbank markets 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CM Macroeconomics or CM Advanced Macroeconomics				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Master of Science International Management: Supplementary Section International Management Master of Science Economic Research: Supplementary Section Economic Research				
9	Module Manager Univ.-Prof. Dr. Andreas Schabert				
10	Miscellaneous				

SpM Market Design and Behaviour V					
Module Code 1289MSMDB5	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Corporate Taxation		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Tax competition between jurisdictions • Digitisation and Tax Policy • Reform options for corporate taxation • Cash flow based taxation, border adjustments and trade policy • Carbon pricing and border adjustments • Corporate taxation and corporate finance 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CM Microeconomics or CM Microeconomics (Business Administration)				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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				
9	Module Manager Univ.-Prof. Dr. Felix Bierbrauer				
10	Miscellaneous				

SpM Advanced Public Economics					
Module Code 1302MSAPE1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Advanced Public Economics		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Optimal income taxation • Optimum excise duties • Optimal combination of direct and indirect taxes • Taxation of capital income • Corporate taxation • Political economy of redistributive taxes • Sufficient statistics approaches • Perturbation method • Mechanism design 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: basic knowledge of differential calculus, optimisation problems with constraints, knowledge of consumer theory, knowledge of game theory				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Felix Bierbrauer				
10	Miscellaneous				

SpM Markets and Economic Policy III					
Module Code 1302MSMEP3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Development Economics		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Introduction to development economics based on theoretical and empirical research • Causes and consequences of poverty, underinvestment in health, education, and wealth • Risk and insurance • Methods to evaluate development projects and policies 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... 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. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration)				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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				
9	Module Manager Univ.-Prof. Dr. Erik Hornung				
10	Miscellaneous				

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

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

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

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

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

SpM Empirical Methods and Data Analysis V					
Module Code 1314MSEMD5	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses a) Multivariate Statistics b) Panel Data Analysis c) Bayesian Econometrics d) Topics in Econometrics and Statistics V		Contact Hours a) 45h b) 45h c) 45h d) 45h	Self-Studies a) 135h b) 135h c) 135h d) 135h	Course Language a) English b) English c) English d) English
2	Module Content a) Multivariate Statistics: • Analysis of Variance • Eigenvalues • Principal Component Analysis • Factor Analysis • Discriminant Analysis • Cluster Analysis • Multivariate Testing • Correlation Analysis b) Panel Data Analysis: • Static Panel Data Model • Dynamic Panel Data Model • Extensions • Factor Analysis c) Bayesian Econometrics: • Basic Principles of Bayesian Econometrics • Bayesian Estimators and Numerical Integration • Importance Sampling and Markov-Chain-Monte-Carlo • Gaussian Linear Regression Model with Conjugate Priors • Gaussian Linear Regression Model with Non-Conjugate Priors • Linear Regression Model with General Error Covariance Matrix • Time Series Models • Models for discrete dependent variables • Students will practice the use of the methods using econometric software to analyse economic data d) Topics in Econometrics and Statistics 5: • Recent statistical and econometric methods • Applications in business administration, management studies and economics and social sciences				
3	Learning Objectives Students... ... understand advanced, specialized methods in Statistics and Econometrics. ... analyse current questions and challenges in Statistics and Econometrics. ... analyse data material for selected scientific questions using statistical and econometric methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss scientific topics in a professional manner and appropriate to the situation with specialists. ... use techniques of scientific work and good scientific practice.				

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4	<p>Teaching and Learning Methods lecture practice</p>
5	<p>Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics</p>
6	<p>Mode of End-Of-Module Examination Oral examination: OE</p>
7	<p>Prerequisites for Awarding of Credit Points Passing the oral examination of one course. A course is to be attended; the oral examination relates to the content of one course.</p>
8	<p>Other Programmes that Use the Module 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>
9	<p>Module Manager Dr. Bastian Gribisch</p>
10	<p>Miscellaneous</p>

Specialisation Module Seminar Statistics and Econometrics					
Module Code 1314SMSS00	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Seminar in Statistics and Econometrics		Contact Hours 30h	Self-Studies 150h	Course Language German and English
2	Module Content The seminar covers topics from areas such as: <ul style="list-style-type: none"> • Time series analysis • Microeconometrics • Macroeconometrics • Panel econometrics • Financial market econometrics and statistics • Bayesian econometrics and statistics • Non-parametric methods • Analysis of stochastic processes • Statistical inference 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... analyse specialist literature on the subject. ... critically assess contemporary statistical and econometric methods. ... apply contemporary statistical and econometric methods independently in practice to analyse real data. ... write and present a paper in accordance with academic standards. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements Recommended: Core module Econometrics I and/or specialisation module Advanced Statistics (Stochastics Processes) or Advanced Statistics (Statistical Inference)				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Economics: <ul style="list-style-type: none"> Specialization Section Economics Supplementary Section Master of Arts Politikwissenschaft: <ul style="list-style-type: none"> Supplementary Section Political Science Master of Science Business Administration - Finance: <ul style="list-style-type: none"> Supplementary Section Finance Master of Science Information Systems: <ul style="list-style-type: none"> Supplementary Section Information Systems Master of Science Business Administration - Marketing: <ul style="list-style-type: none"> Supplementary Section Marketing Master of Science Business Administration - Corporate Development:				

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

Studies Abroad in Economics (Master)					
Module Code 1014SAEc00	Workload 540h	ECTS Credits 18	Module Language	Module Availability every term	Duration 1 Term
1	Courses		Contact Hours	Self-Studies	Course Language
2	Module Content Depends on chosen course.				
3	Learning Objectives Students... ... describe approaches used in economics from an international perspective. ... explain international economics issues. ... discuss and compare different theories and approaches used in economics. ... describe approaches to business administration, economics and social sciences from an international perspective. ... explain international issues in the areas of business administration, economics and social science. ... discuss and compare different theories and approaches in business administration, economics and social science. ... develop new intellectual perspectives with regard to their own education. ... recognize the dynamic, global dimensions of their professional future.				
4	Teaching and Learning Methods depending on course choice				
5	Module Entry Requirements Recommendations: Depends on chosen course				
6	Mode of End-Of-Module Examination TR - depending on course selection				
7	Prerequisites for Awarding of Credit Points Depends on chosen course.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics				
9	Module Manager				
10	Miscellaneous Language: Can be offered in English or in any language possible at the host university. This module can be studied at a higher education institution in another country. There is a standardised crediting procedure for such cases. Information about course crediting (deadlines and procedures) can be obtained from the Credit Transfer Centre (WiSo Credit Transfer Centre: https://www.anrechnungswiso.uni-koeln.de/) This module can also be taken as part of a summer school organised by the WiSo Faculty. In this case, students must register for the examination in accordance with the rules of the WiSo Faculty prior to embarking on the module.				

3.6.3 Supplementary Section

SpM Taxation I					
Module Code 1016MSTAX1	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Taxation of Companies I		Contact Hours 45h	Self-Studies 135h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Business taxation • Taxation of different legal structures (partnerships and corporations) • Choice of legal structure • International business taxation • Double taxation and anti-tax avoidance legislation • Case studies 				
3	Learning Objectives Students... ... understand advanced, specialized methods in the area of tax law and business taxation. ... analyse current questions and challenges in the area of business taxation. ... assess and discuss findings and results of specialized methods. ... justify and defend (independently developed) positions or problem solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section 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 Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager Univ.-Prof. Dr. Michael Overesch
10	Miscellaneous

SpM Taxation II					
Module Code 1016MSTAX2	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Taxation of Companies II		Contact Hours 45h	Self-Studies 135h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Corporate tax planning • Tax planning in the case of mergers and acquisitions • Tax planning in the case of international company structures • Taxation and change of corporate form • Case studies 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized methods in the area of tax law and business taxation. ... analyse current questions and challenges in the area of business taxation. ... assess and discuss findings and results of specialized methods. ... justify and defend (independently developed) positions or problem solutions. ... act responsibly considering ecological, social and ethical criteria. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: SpM Taxation I				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <p>Master of Science Economics: Supplementary Section</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 - Marketing: Supplementary Section Marketing</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

9	Module Manager Univ.-Prof. Dr. Michael Overesch
10	Miscellaneous

SpM Controlling I					
Module Code 1016MSCON1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Operative Controlling (1. Term)		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Fundamentals of controlling • Theory, strategies and methods to support controlling activities • Controlling instruments 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods in the area of operative controlling. ... communicate continuously and purposefully in diverse teams. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... develop work processes for real problems and challenges. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of internal and external accounting, investment, financing and decision theory				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development 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 Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education 				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	<p>Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Carsten Homburg</p>
10	<p>Miscellaneous This course ends in the middle of the semester (1. term). The exam is offered at the end of the course.</p>

SpM Controlling II					
Module Code 1016MSCON2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Strategic Controlling (2. Term)		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Introduction to strategic controlling • Conventional cost management instruments • More recent cost management instruments • Benchmarking 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods in the area of strategic controlling. ... communicate continuously and purposefully in diverse teams. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... develop work processes for real problems and challenges. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of internal and external accounting, investment, financing and decision theory				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development 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 Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: 				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	<p>Supplementary Section Business Education Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Carsten Homburg</p>
10	<p>Miscellaneous This course starts in the middle of the semester (2. term). The exam is offered at the end of the course.</p>

SpM Accounting I					
Module Code 1016MSACC1	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Sustainability Reporting		Contact Hours 45h	Self-Studies 135h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Conceptual and Institutional Background • General Requirements • Reporting on Governance Issues • Reporting on Environmental Issues • Reporting on Social Issues • Preparing Sustainability Reports • Assuring Sustainability Reports • Analyzing Sustainability Reports 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods in the area of sustainability/ESG reporting. ... analyse current questions and challenges in the area of sustainability/ESG reporting. ... 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing 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 Informatik: Anwendungsfeld Master of Science Geographie: Wahlpflichtfach Management & Social Sciences				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	<p>Master of Science Economics: Supplementary Section Management & Social Sciences</p> <p>Master of Science Mathematik: Economics Sciences</p> <p>Master of Science Wirtschaftsmathematik: Economics Sciences</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p> <p>Master of Science Business Administration - Accounting and Taxation: Specialisation Section Accounting and Taxation</p>
9	<p>Module Manager Prof. Dr. Maximilian A. Müller</p>
10	<p>Miscellaneous The examination is offered in every term.</p>

SpM Accounting II					
Module Code 1016MSACC2	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses International Accounting		Contact Hours 45h	Self-Studies 135h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Theoretical as well as institutional foundations of IFRS • IASB-Framework • Recognition and measurement of different classes of assets and liabilities • Special issues of individual and consolidated IFRS reports 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods in the area international accounting. ... analyse current questions and challenges in the area of uninternational accounting. ... gain confidence in reporting according to international financial reporting standards (IFRS) with respect to recognition as well as measurement issues. ... acquire knowledge enabling them to interpret IFRS in light of their principle-based character. ... solve new problems and cases, using the subject-related and methodological competence taught in the module. ... apply business valuation concepts within the framework of IFRS accounting. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Economics: Supplementary Section 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 Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation 				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager N. N.
10	Miscellaneous The examination is offered in every term.

SpM Selected Issues in Accounting & Taxation I					
Module Code 1016MSSIS1	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses a) Tax Accounting b) Financial Service and Real Estate Taxation c) Taxation of Family Business d) Selected Issues in Controlling I e) Annual Audit f) Special Audits		Contact Hours a) 30h b) 30h c) 30h d) 30h e) 30h f) 30h	Self-Studies a) 60h b) 60h c) 60h d) 60h e) 60h f) 60h	Course Language a) English b) English c) German d) English e) German f) German
2	Module Content Selected Issues in managerial accounting, financial accounting, auditing or business taxation				
3	Learning Objectives Students... ... understand advanced, specialized theories or methods in accounting or taxation. ... analyse current questions and challenges in accounting or taxation. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss topics in a professional manner and appropriate to the situation with specialists. ... develop work processes for real problems and challenges.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination: Two lectures must be taken. The exam covers the content of two lectures.				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Supplementary Section Master of Science International Management: Supplementary Section International Management Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	<p>Supplementary Section Business Education Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation</p>
9	<p>Module Manager Area Accounting and Taxation</p>
10	<p>Miscellaneous</p>

SpM Selected Issues in Accounting & Taxation II					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1016MSSIS2	180h	6	German and English	every 2nd term - winter term	1 Term
1	Courses a) International Tax Planning b) Taxation of Corporate Groups c) Consolidated Balance Sheets d) Selected Issues in Business Valuation e) Selected Issues in Controlling II		Contact Hours a) 30h b) 30h c) 30h d) 30h e) 30h	Self-Studies a) 60h b) 60h c) 60h d) 60h e) 60h	Course Language a) English b) German c) German d) German e) English
2	Module Content Selected Issues in managerial accounting, financial accounting, auditing , business valuation or business taxation				
3	Learning Objectives Students... ... understand advanced, specialized theories or methods in accounting or taxation. ... analyse current questions and challenges in accounting or taxation. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss topics in a professional manner and appropriate to the situation with specialists. ... develop work processes for real problems and challenges.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination: Two lectures have to be chosen. The exam covers the content of two lectures.				
8	Other Programmes that Use the Module Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Specialisation Section Accounting and Taxation				
9	Module Manager Area Accounting and Taxation				
10	Miscellaneous				

SpM Advanced Accounting					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1016MSAAC1	180h	6	English	every 2nd term - summer term	1 Term
1	Courses Value-based Controlling		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Basics of value-based controlling (including traditional financial indicators) • Characteristics of capital markets • Effect of capital structure on business value • Shareholder value approach • Discounted cash flow (DCF) method • Value-based indicators and their steering • Working capital management, especially cash management • Risk measurement and risk management • Implementation of a value-based strategy • The Ohlson model 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect, systematize and synthesize independently literature on selected scientific questions. ... justify and defend (independently developed) positions or problem solutions. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... act responsibly considering ecological, social and ethical criteria. ... critically evaluate current social developments and develop alternative solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of internal and external accounting, investment and financing				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Supplementary Section Master of Science Gesundheitsökonomie:				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	<p>Supplementary Section Health Economics</p> <p>Master of Science International Management: Supplementary Section International Management</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 Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Science Business Administration - Marketing: Specialization Section Marketing</p> <p>Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Carsten Homburg</p>
10	<p>Miscellaneous</p>

SpM Controlling I					
Module Code 1016MSCON1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Operative Controlling (1. Term)		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Fundamentals of controlling • Theory, strategies and methods to support controlling activities • Controlling instruments 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods in the area of operative controlling. ... communicate continuously and purposefully in diverse teams. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... develop work processes for real problems and challenges. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of internal and external accounting, investment, financing and decision theory				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development 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 Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education 				

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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 - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Carsten Homburg</p>
10	<p>Miscellaneous This course ends in the middle of the semester (1. term). The exam is offered at the end of the course.</p>

SpM Controlling II					
Module Code 1016MSCON2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Strategic Controlling (2. Term)		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Introduction to strategic controlling • Conventional cost management instruments • More recent cost management instruments • Benchmarking 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods in the area of strategic controlling. ... communicate continuously and purposefully in diverse teams. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... develop work processes for real problems and challenges. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of internal and external accounting, investment, financing and decision theory				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Business Administration - Supply Chain Management: <ul style="list-style-type: none"> Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: <ul style="list-style-type: none"> Supplementary Section Marketing Master of Science Business Administration - Corporate Development: <ul style="list-style-type: none"> Supplementary Section Corporate Development Master of Science Economics: <ul style="list-style-type: none"> Supplementary Section Master of Science Gesundheitsökonomie: <ul style="list-style-type: none"> Supplementary Section Health Economics Master of Science International Management: <ul style="list-style-type: none"> Supplementary Section International Management Master of Science Business Administration - Finance: <ul style="list-style-type: none"> Supplementary Section Finance Master of Science Information Systems: <ul style="list-style-type: none"> Supplementary Section Information Systems Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: 				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	<p>Supplementary Section Business Education Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Carsten Homburg</p>
10	<p>Miscellaneous This course starts in the middle of the semester (2. term). The exam is offered at the end of the course.</p>

SpM Advanced Accounting					
Module Code 1016MSAAC1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Value-based Controlling		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Basics of value-based controlling (including traditional financial indicators) • Characteristics of capital markets • Effect of capital structure on business value • Shareholder value approach • Discounted cash flow (DCF) method • Value-based indicators and their steering • Working capital management, especially cash management • Risk measurement and risk management • Implementation of a value-based strategy • The Ohlson model 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect, systematize and synthesize independently literature on selected scientific questions. ... justify and defend (independently developed) positions or problem solutions. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... act responsibly considering ecological, social and ethical criteria. ... critically evaluate current social developments and develop alternative solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of internal and external accounting, investment and financing				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Supplementary Section Master of Science Gesundheitsökonomie:				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	<p>Supplementary Section Health Economics</p> <p>Master of Science International Management: Supplementary Section International Management</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 Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Science Business Administration - Marketing: Specialization Section Marketing</p> <p>Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Carsten Homburg</p>
10	<p>Miscellaneous</p>

SpM Selected Issues in Accounting & Taxation I					
Module Code 1016MSSIS1	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses a) Tax Accounting b) Financial Service and Real Estate Taxation c) Taxation of Family Business d) Selected Issues in Controlling I e) Annual Audit f) Special Audits		Contact Hours a) 30h b) 30h c) 30h d) 30h e) 30h f) 30h	Self-Studies a) 60h b) 60h c) 60h d) 60h e) 60h f) 60h	Course Language a) English b) English c) German d) English e) German f) German
2	Module Content Selected Issues in managerial accounting, financial accounting, auditing or business taxation				
3	Learning Objectives Students... ... understand advanced, specialized theories or methods in accounting or taxation. ... analyse current questions and challenges in accounting or taxation. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss topics in a professional manner and appropriate to the situation with specialists. ... develop work processes for real problems and challenges.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination: Two lectures must be taken. The exam covers the content of two lectures.				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Supplementary Section Master of Science International Management: Supplementary Section International Management Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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

	<p>Supplementary Section Business Education Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation</p>
9	<p>Module Manager Area Accounting and Taxation</p>
10	<p>Miscellaneous</p>

SpM Selected Issues in Accounting & Taxation II					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1016MSSIS2	180h	6	German and English	every 2nd term - winter term	1 Term
1	Courses a) International Tax Planning b) Taxation of Corporate Groups c) Consolidated Balance Sheets d) Selected Issues in Business Valuation e) Selected Issues in Controlling II		Contact Hours a) 30h b) 30h c) 30h d) 30h e) 30h	Self-Studies a) 60h b) 60h c) 60h d) 60h e) 60h	Course Language a) English b) German c) German d) German e) English
2	Module Content Selected Issues in managerial accounting, financial accounting, auditing , business valuation or business taxation				
3	Learning Objectives Students... ... understand advanced, specialized theories or methods in accounting or taxation. ... analyse current questions and challenges in accounting or taxation. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss topics in a professional manner and appropriate to the situation with specialists. ... develop work processes for real problems and challenges.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination: Two lectures have to be chosen. The exam covers the content of two lectures.				
8	Other Programmes that Use the Module Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Specialisation Section Accounting and Taxation				
9	Module Manager Area Accounting and Taxation				
10	Miscellaneous				

Specialisation Module Finance 7					
Module Code 1259SMFi07	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Rechnungslegung von Versicherungsunternehmen nach HGB und IFRS		Contact Hours 30h	Self-Studies 60h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Accounting systems • Sources of law • HGB, IAS/IFRS accounting methods • Full fair value accounting 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... analyse insurance companies' annual financial statements based on different accounting rules. ... value claims reserves, claims equalization reserves and actuarial reserves. ... explore the impact of different accounting rules on how balance sheet items are valued. ... implement risk-based auditing strategies for insurance companies. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendations				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</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 Mathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science Economics: Supplementary Section</p> <p>Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science Business Administration - Finance: Specialization Section Finance Supplementary Section Finance</p>				

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	<p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Science Geographie: Business Administration Master Geography</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Heinrich R. Schradin</p>
10	<p>Miscellaneous</p>

SpM Business Ethics					
Module Code 1253MSBET1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Managing Business Ethics in Markets and Organisations		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content 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.				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods. ... 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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:				

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	<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>
9	<p>Module Manager Univ.-Prof. Dr. Bernd Irlenbusch</p>
10	<p>Miscellaneous 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>

SpM Strategic Human Resource Management					
Module Code 1253MSSHR1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Strategic Human Resource Management		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content The module teaches how Human Resource Management creates economic value and contributes to the implementation of corporate strategies.				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: WT (60), PRES				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				

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	<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>
9	<p>Module Manager Univ.-Prof. Dr. Dirk Sliwka</p>
10	<p>Miscellaneous</p>

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

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	<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>
9	<p>Module Manager Univ.-Prof. Dr. Matthias Heinz</p>
10	<p>Miscellaneous</p>

SuM Introduction to Economic Psychology					
Module Code 1320MEIEP1	Workload 360h	ECTS Credits 12	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Introduction to Economic Psychology		Contact Hours 60h	Self-Studies 300h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Basic concepts in economic psychology • Economic psychology and its application in consumer markets, labour markets, and financial markets • Economic psychology and its application in macroeconomic contexts • Current developments in applied economic psychology 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods in economic psychology. ... collect, systematize and synthesize independently literature on selected scientific questions. ... justify and defend (independently developed) positions or problem solutions. ... use techniques of scientific work and good scientific practice. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: WT (60), PRES				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Economics: Supplementary Section Master of Science International Management: Core and Advanced Section International Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development 				
9	Module Manager Univ.-Prof. Dr. Erik Hölzl				
10	Miscellaneous				

Specialisation Module Financial Theory					
Module Code 1259SFITh0	Workload 360h	ECTS Credits 12	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses a) Capital Market Theory (1. Term) b) Corporate Finance Theory (1. Term)		Contact Hours a) 60h b) 60h	Self-Studies a) 120h b) 120h	Course Language a) English b) English
2	Module Content <ul style="list-style-type: none"> • Capital markets and consumption • Investment decisions given certainty and uncertainty • Portfolio theory • Asset pricing models • Analysis and valuation of forwards, futures, and options • Equity valuation models (in particular Discounted Cash Flow methods, models of residual income, Multiples approach) • Impact of financial policies • M&A activities and defensive strategies • Aspects of balancing of accounts and financial realisation of mergers and acquisitions 				
3	Learning Objectives Students... ... analyse investment decisions. ... understand asset pricing models. ... determine the value of securities and derivatives. ... use different methods of valuing companies and individual assets. ... learn how to analyse annual accounts in order to extract value relevant information. ... recognize different theories explaining M&A-activities. ... analyse manager interests in mergers and acquisitions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendations				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the written test. Both courses must be attended; the examination refers to topics of both courses.				
8	Other Programmes that Use the Module 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 - Corporate Development: Supplementary Section Corporate Development				

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	<p>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</p> <p>Master of Science Mathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science Economics: Supplementary Section</p> <p>Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science International Management: Core and Advanced Section International Management Supplementary Section International Management</p> <p>Master of Science Business Administration - Finance: Specialization Section Finance</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Science Geographie: Business Administration Master Geography</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Dieter Hess Univ.-Prof. Dr. Alexander Kempf Dr. Alexander Pütz</p>
10	<p>Miscellaneous</p>

Specialisation Module Financial Institutions Management					
Module Code 1259SFIMa0	Workload 360h	ECTS Credits 12	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses a) Insurance Economics b) Risk Management (2. Term)		Contact Hours a) 60h b) 60h	Self-Studies a) 120h b) 120h	Course Language a) English b) English
2	Module Content Module content 1. Risk Management <ul style="list-style-type: none"> • Risk control on perfect and imperfect financial markets • Risk and risk measures • Management of liquidity risk • Management of interest rate risk • Management of default risk 2. Insurance Economics <ul style="list-style-type: none"> • Insurance demand theory • Production theory in insurance • Market balance in regard to information symmetry and asymmetry • Basics of sector-specific tariff calculation and reserve creation • Claim settlement • Introduction to solvency standards 				
3	Learning Objectives Students... ... analyse various risk measures in terms of effective risk/return management. ... apply risk measures to decision-making problems in bank operations. ... assess regulatory standards intended to limit risk. ... are familiar with the methods for measuring market and default risks. ... assess instruments for controlling market and default risks. ... analyse insurance supply and demand. ... can explain information symmetry and asymmetry. ... assess the institutional parameters for insurance markets. ... calculate premiums and reserves in life and indemnity insurance.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendations				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the written test. Both courses must be attended; the examination refers to topics of both courses.				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management:				

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	<p>Supplementary Section Supply Chain Management</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 Mathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science Economics: Supplementary Section</p> <p>Master of Science Gesundheitsökonomie: Supplementary Section Health Economics</p> <p>Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Business Administration - Finance: Specialization Section Finance</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Science Geographie: Business Administration Master Geography</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager</p> <p>Univ.-Prof. Dr. Thomas Hartmann-Wendels Univ.-Prof. Dr. Heinrich R. Schradin</p>
10	<p>Miscellaneous</p>

Specialisation Module Finance 5					
Module Code 1259SMFi10	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Insurance		Contact Hours 60h	Self-Studies 120h	Course Language German
2	Module Content Part A: Reinsurance and ART <ul style="list-style-type: none"> • Reinsurance and Alternative Risk Transfer • Forms of traditional Reinsurance • Financial Reinsurance • Alternative Risk Transfer Part B: Management of groups and mutual principle <ul style="list-style-type: none"> • Management of groups and mutual principle • Construction of insurance groups • Risk Management and insurance groups 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods in the area of finance. ... analyse current questions and challenges in the area of finance. ... assess and discuss findings and research results of specialized theories / methods. ... discuss scientific topics in a professional manner and appropriate to the situation. ... critically evaluate current developments in finance. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendations				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test. Both courses must be attended; the examination refers to topics of both courses.				
8	Other Programmes that Use the Module 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 - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Mathematik: MA Business and Economics Sciences Mathematics				

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

	<p>Master of Science Economics: Supplementary Section</p> <p>Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science Business Administration - Finance: Specialization Section Finance Supplementary Section Finance</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p>
9	<p>Module Manager Univ.-Prof. Dr. Heinrich R. Schradin</p>
10	<p>Miscellaneous</p>

Specialisation Module Finance 7					
Module Code 1259SMFi07	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Rechnungslegung von Versicherungsunternehmen nach HGB und IFRS		Contact Hours 30h	Self-Studies 60h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Accounting systems • Sources of law • HGB, IAS/IFRS accounting methods • Full fair value accounting 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... analyse insurance companies' annual financial statements based on different accounting rules. ... value claims reserves, claims equalization reserves and actuarial reserves. ... explore the impact of different accounting rules on how balance sheet items are valued. ... implement risk-based auditing strategies for insurance companies. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendations				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</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 Mathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science Economics: Supplementary Section</p> <p>Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science Business Administration - Finance: Specialization Section Finance Supplementary Section Finance</p>				

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

	<p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Science Geographie: Business Administration Master Geography</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Heinrich R. Schradin</p>
10	<p>Miscellaneous</p>

Specialisation Module Value-Based Management in Insurance					
Module Code 1259SMVB00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability irregular	Duration 1 Term
1	Courses Value-Based Management in Insurance - Theory and Practice		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Introduction in Insurance Management • Insurance Risk and Production Technology • Risk Modelling and Risk Measurement • Risk Management and Shareholder Wealth • Risk-based Capital Allocation • Decision-making in a Value-Based Management Framework • Trends and Challenges in the Insurance Industry • Trends and Challenges in the Insurance Industry 				
3	Learning Objectives Students... ... learn methods for managing and evaluating insurance companies. ... learn methods of value-based management in insurance companies. ... model cash flows of insurance companies. ... analyze the risk situation of insurance companies. ... assess different methods for calculating the capital requirements. ... assess different methods for risk capital allocation. ... learn fundamentals of asset liability management.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written examination.				
8	Other Programmes that Use the Module 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 - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Mathematik: MA Business and Economics Sciences Mathematics Master of Science Economics: Supplementary Section				

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

	<p>Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Business Administration - Finance: Specialization Section Finance Supplementary Section Finance</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p>
9	<p>Module Manager Dr. Muhammed Altuntas Univ.-Prof. Dr. Heinrich R. Schradin</p>
10	<p>Miscellaneous</p>

SpM Marketing in Specific Contexts I					
Module Code 1266MSMSC1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses a) Business Model Innovation and Entrepreneurship b) Cases in (Digital) Marketing		Contact Hours a) 45h b) 45h	Self-Studies a) 135h b) 135h	Course Language a) English b) English
2	Module Content The module covers specific topics in marketing such as the management and marketing of new products. It consists of both conceptual and applied elements, including presentations by students, case studies, discussions and guest speakers from industry. Students are expected to engage in their own reading of the literature in addition to attending lectures and participating in exercises. Furthermore, they are expected to organize their learning processes independently.				
3	Learning Objectives Students... ... assess and discuss findings and research results of specialized theories / methods. ... communicate continuously and purposefully in diverse teams. ... justify and defend (independently developed) positions or problem solutions. ... evaluate their own action processes in self- and external reflection and identify development potentials.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of marketing and multivariate methods (e.g., regression analysis, analysis of variance)				
6	Mode of End-Of-Module Examination Oral examination: PRES				
7	Prerequisites for Awarding of Credit Points Passing the oral examination of one course. A course is to be attended; the oral examination relates to the content of one course.				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management 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 International Management: Supplementary Section International Management Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education Master of Science Business Administration - Marketing: Specialization Section Marketing				

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	Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager Univ.-Prof. Dr.' Franziska Völckner
10	Miscellaneous This module may consist of at least one course that takes place either until the middle of the semester (1. term) or from the middle of the semester onwards (2. term). You can find this information in the KLIPS entry of the corresponding course. The corresponding examinations of courses that take place in the 1. term are often offered in the middle of the semester.

SpM Marketing in Specific Contexts II					
Module Code 1266MSMSC2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses a) Retailing b) Practical Applications in Retailing		Contact Hours a) 45h b) 45h	Self-Studies a) 135h b) 135h	Course Language a) English b) English
2	Module Content The module covers key questions and challenges of retailing strategy and operations. It consists of both conceptual and applied elements, including presentations by students, case studies, discussions and guest speakers from industry. Students are expected to engage in their own reading of the literature in addition to attending lectures and participating in exercises. Furthermore, they are expected to organize their learning processes independently.				
3	Learning Objectives Students... ... understand advanced, specialized theories, concepts, and methods in the domain of retailing. ... analyse current questions and challenges in the area of retailing. ... assess and discuss findings and research results of specialized theories / methods.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of marketing				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management 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 International Management: Core and Advanced Section International Management Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education Master of Science Business Administration - Marketing: Specialization Section Marketing Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China				

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

9	Module Manager Univ.-Prof. Dr. Werner Reinartz
10	Miscellaneous This module may consist of at least one course that takes place either until the middle of the semester (1. term) or from the middle of the semester onwards (2. term). You can find this information in the KLIPS entry of the corresponding course. The corresponding examinations of courses that take place in the 1. term are often offered in the middle of the semester.

SpM Marketing in Specific Contexts III					
Module Code 1266MSMSC3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Services and Media Marketing		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content The module contains conceptual and applied elements, including discussions and presentations of guest speakers from the world of marketing. In addition to attending lectures and participating in exercises, students are required to organise their own learning and working processes independently and self-responsibly.				
3	Learning Objectives Students... ... analyse current questions and challenges associated with the management of specific products or services. ... assess and discuss concepts for the planning and implementation of the marketing mix using examples of specific products/services.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of multivariate methods				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management 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 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 Science Business Administration - Marketing: Specialization Section Marketing Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China				

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9	Module Manager Univ.-Prof. Dr. Marc Fischer
10	Miscellaneous This module may consist of at least one course that takes place either until the middle of the semester (1. term) or from the middle of the semester onwards (2. term). You can find this information in the KLIPS entry of the corresponding course. The corresponding examinations of courses that take place in the 1. term are often offered in the middle of the semester.

SpM Brand Management					
Module Code 1266MSBMG1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Brand Management		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content The module covers key questions and challenges of building and managing brands. It consists of both conceptual and applied elements, including presentations by students, case studies, discussions and guest speakers from industry. Students are expected to engage in their own reading of the literature in addition to attending lectures and participating in exercises. Furthermore, they are expected to organise their learning processes independently.				
3	Learning Objectives Students... ... understand advanced, specialized marketing theories, concepts, and methods in the domain of brand management. ... assess and discuss findings and research results of specialized marketing theories, concepts, and methods in the domain of brand management. ... act responsibly considering ecological, social and ethical criteria.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Basic knowledge of marketing and multivariate methods (e.g., regression analysis, analysis of variance)				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management 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 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 Business Administration - Marketing: Specialization Section Marketing				

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	Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager Univ.-Prof. Dr.' Franziska Völckner
10	Miscellaneous This module may consist of at least one course that takes place either until the middle of the semester (1. term) or from the middle of the semester onwards (2. term). You can find this information in the KLIPS entry of the corresponding course. The corresponding examinations of courses that take place in the 1. term are often offered in the middle of the semester.

SuM Media and Technology Management - Enterprises, Markets, and Strategies					
Module Code 1284MEEMS1	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Media and Technology Management: Enterprises, Markets, and Strategies		Contact Hours 30h	Self-Studies 150h	Course Language German and English
2	Module Content <ul style="list-style-type: none"> • Overview of business models and characteristics of various media and telecommunications industries and markets in the digital age • Economic characteristics of digital products and services and resulting pricing strategies (economy of digital goods) • MTM infrastructures and their regulation and influence on MTM business models, companies and social welfare • Design options and decision strategies on digital and hybrid platforms and markets • Application of concepts of technology and innovation management, strategy development, transformation evaluation and entrepreneurship to selected media, IS and telecommunications companies, markets, platforms and innovations 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods in the area of Media and Technology Management. ... analyse current questions and challenges in the area of Media and Technology Management. ... assess and discuss findings and research results of specialized theories / methods.				
4	Teaching and Learning Methods lecture Colloquium				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section 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 Arts Medienwissenschaft: MA Media Management and Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				

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9	Module Manager Univ.-Prof. Dr. Claudia Loebbecke, M.B.A.
10	Miscellaneous

SuM Media and Technology Management - Selected Issues I					
Module Code 1284MEMTM1	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Selected Media and Technology Issues		Contact Hours 30h	Self-Studies 150h	Course Language German and English
2	Module Content Varying topics				
3	Learning Objectives Students... ... analyse current questions and challenges in the area of Media and Technology Management. ... justify and defend (independently developed) positions or problem solutions. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... act responsibly considering ecological, social and ethical criteria. ... critically evaluate current social developments and develop alternative solutions.				
4	Teaching and Learning Methods seminar Colloquium				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section 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 Arts Medienwissenschaft: MA Media Management and Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				
9	Module Manager Univ.-Prof. Dr.' Claudia Loebbecke, M.B.A.				
10	Miscellaneous				

SuM Media and Technology Management - Selected Issues II					
Module Code 1284MEMTM2	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability irregular	Duration 1 Term
1	Courses Selected Media and Technology Issues		Contact Hours 30h	Self-Studies 150h	Course Language German and English
2	Module Content Varying topics				
3	Learning Objectives Students... ... analyse current questions and challenges in the area of Media and Technology Management. ... 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. ... use techniques of scientific work and good scientific practice.				
4	Teaching and Learning Methods seminar Colloquium				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section 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 Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				
9	Module Manager Univ.-Prof. Dr.' Claudia Loebbecke, M.B.A.				
10	Miscellaneous				

SuM Media and Technology Management - Research and Publications					
Module Code 1284MEMRP1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability irregular	Duration 1 Term
1	Courses Media and Technology Management: Research and Publications		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content The focus of this event is on scientific work, research design and research methods in the field of media and technology management and information systems.				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods in the field of media and technology management. ... analyse current questions and challenges in the field of media and technology management. ... assess and discuss findings and research results of specialized theories / methods. ... collect, systematize and synthesize independently literature on selected scientific questions. ... prepare independently a research design for a question. ... justify and defend (independently developed) positions or problem solutions. ... present scientific results in a manner appropriate to the target audience. ... use techniques of scientific work and good scientific practice.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements Recommendation: At least parallel assignment of an MTM Master Module and interest to write the Master thesis in MTM.				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination.				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section 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 Arts Medienwissenschaft: MA Media Management and Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				
9	Module Manager Univ.-Prof. Dr.' Claudia Loebbecke, M.B.A.				
10	Miscellaneous See www.mtm.uni-koeln.de				

CM Comparative Political Institutions					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1335MBCPI1	180h	6	English	every 2nd term - winter term	1 Term
1	Courses Comparative Political Institutions		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Institutionalism and neoinstitutionalism • Veto player and veto point theory • Theory of structure-induced equilibria • Problem areas: aggregation of individual preferences, coordination of individual decisions, collective action, delegation relationships and risk of "agency loss" • Time consistency and commitments • Endogeneity of institutions and institutional reform • Empirical findings of conventional international comparative studies 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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				
9	Module Manager Univ.-Prof. Dr. André Kaiser				

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

CM Democratic Theory and Practice					
Module Code 1335MBDTP1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Democratic Theory and Practice		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Survey of classical and contemporary democratic theory • Conceptualizing, justifying and critiquing the democratic ideal • Assessing real-world challenges to the democratic ideal, e.g. inequality, multiculturalism, globalization • Evaluating and comparing the performance of democracies and non-democracies 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods. ... assess and discuss findings and research results of specialized 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. 				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <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>				
9	Module Manager Jun.-Prof.' Chitrlekha Basu, Ph.D				
10	Miscellaneous				

CM International Relations					
Module Code 1335MBIRE1	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses International Relations		Contact Hours 30h	Self-Studies 150h	Course Language German and English
2	Module Content <ul style="list-style-type: none"> • International Politics • Foreign Policy • Transnational Politics • Peace and conflict studies • Security Policy • Information and Communication • Multi-level analysis 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Thomas Jäger				

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

CM Research Design					
Module Code 1335MBRDG1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every term	Duration 1 Term
1	Courses Research Logic and Design		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Research Question • Conceptualisation • Hypothesis building • Research designs and research ethics • Case selection strategies • Compiling and analysing data • Approaches of classic and current studies in political science 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... collect, systematize and synthesize independently literature on selected scientific questions. ... communicate continuously and purposefully in diverse teams. ... develop work processes for real problems and challenges.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Arts Politikwissenschaft: Core and Advanced Section Political Science 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				
9	Module Manager Univ.-Prof. Dr. André Kaiser Univ.-Prof. Ingo Rohlfing, PhD				
10	Miscellaneous				

SuM Social Regional Development and Co-Operatives					
Module Code 1344MESEG1	Workload 360h	ECTS Credits 12	Module Language German and English	Module Availability every term	Duration 2 Terms
1	Courses a) Co-operative Economics in Social Space b) Seminar Co-operative Economics		Contact Hours a) 30h b) 30h	Self-Studies a) 150h b) 150h	Course Language a) German b) German and English
2	Module Content <ul style="list-style-type: none"> • Interdisciplinary consideration of social space development through cooperative forms of self-help • Introduction to the social systems of the third sector, non-profit organisations (NPOs) and civil society • Looking at local forms of cooperative self-help as well as classical welfare state and development policy • Introduction to the orders of thought and action and to concepts such as social capital, reciprocity and "Lebenslage" 				
3	Learning Objectives Students... ... analyse issues and challenges relating to the third sector, non-profit organisations (NPOs) and civil society. ... write an academic paper on a selected topic and achieve thereby their own scientific contribution. ... communicate continuously and purposefully in diverse teams. ... present scientific results in a way that is appropriate for the target audience. ... use techniques of scientific work and good scientific practice.				
4	Teaching and Learning Methods lecture seminar				
5	Module Entry Requirements Passing the module examination of one course. A course is to be attended; the examination relates to the content of one course.				
6	Mode of End-Of-Module Examination Written test: WT (60) Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Arts Politikwissenschaft: Supplementary Section Political Science 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				
9	Module Manager				

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10	Miscellaneous The supplementary module Social Regional Development and Co-Operatives consists of Block I: the lecture "Co-operative Economics in Social Space" and Block II: the seminars.
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SpM Health Care Systems II					
Module Code 1282MSHCS2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Philosophy of Inclusion and Community Building		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content The module Health Care Systems II focuses on the influence of the European multi-level system on socio-political interventions. The module focuses on the analysis of the European legal foundation of social policy. Spill-over effects of internal market integration are analysed as well as the Charter of Fundamental Rights of the EU. Against the background of a European Social Model, specific governance instruments, such as the Open Method of Coordination, are presented and considered in the context of national reform agendas. The approach is interdisciplinary and includes different perspectives (e.g. integration theory and comparative welfare state research, but also economically influenced socio-political concepts).				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods in terms of inclusion and community building. ... justify and defend (independently developed) positions or problem solutions. ... critically evaluate current social developments and develop alternative solutions. ... develop work processes for real problems and challenges.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Science Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education 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:				

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	Social Sciences Master Regional Studies China
9	Module Manager Univ.-Prof. Dr. Frank Schulz-Nieswandt
10	Miscellaneous

CM Health Care Systems					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1282MBHCS1	180h	6	German and English	every 2nd term - winter term	1 Term
1	Courses International Comparison of Health Care Systems		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content The module Health Care Systems I aims at a theory and typology-guided comparison of health care systems. The aim is to get to know and evaluate the spectrum of health policy arrangements and to identify best practice examples. Questions of policy change and policy diffusion will also be addressed. The approach is interdisciplinary and includes different perspectives (e.g. comparative welfare state research, but also economically influenced socio-political concepts). The module pursues an interdisciplinary approach that encompasses different perspectives (anthropology and philosophy of multi-level legal systems, social policy and welfare state, health and care research, social economics of cost efficiency, etc.).				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods of comparative welfare state research. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... present scientific results in a way that is appropriate for the target audience. ... critically evaluate current social developments and develop alternative solutions.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Science Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education 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				

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	Master of Arts Regionalstudien China - Sozialwissenschaften: Social Sciences Master Regional Studies China
9	Module Manager Univ.-Prof. Dr. Frank Schulz-Nieswandt
10	Miscellaneous The language of the lecture will be determined at the beginning of the semester.

SpM Supply Chain Innovation					
Module Code 1271MSSIN1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Supply Chain Innovation		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Innovation Strategy in Supply Chains • Innovation Management in Supply Chains • Supply Chain Innovation Processes: Idea Generation, Idea Selection, Idea Implementation • Collaborative Supply Chain Innovation • Applications of Supply Chain Innovation Strategy • Current Technological Changes and Effective Supply Chain Strategies 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods supply chain innovation management. ... analyse current questions and challenges supply chain innovation management. ... assess and discuss findings and research results of specialized theories / methods. ... communicate continuously and purposefully in diverse teams. ... justify and defend (independently developed) positions or problem solutions. ... act responsibly considering ecological, social and ethical criteria. ... critically evaluate current social developments and develop alternative solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Specialization Section Supply Chain Management Master of Science Economics: Supplementary Section Master of Science International Management: Supplementary Section International Management Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education 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				

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	<p>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Fabian Sting Area Supply Chain Management</p>
10	<p>Miscellaneous</p>

Specialisation Module Project Management					
Module Code 1271SMPrjM	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Project Management		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Project Definition and Scoping • Project Risk Analysis and Risk Management • Resource Allocation and Budgeting • Project Scheduling • Project Monitoring • Project Portfolio Management • Managing Human Behaviour in Projects 				
3	Learning Objectives Students... ... understand the strategic relevance of project management across industries. ... understand, recognise, and discuss the importance of project complexity, project uncertainty and human behavior in managing projects. ... engage in group and class discourses to evaluate how different project planning and execution approaches are contingent on project environments ... reflect on their own developed project management skills by applying these in project groups and case studies. Critically reflect on own and peer developed project management solutions. ... apply modern methods of project planning and project execution such as agile or help-based project management systems ... apply real options thinking to determine the value of uncertain projects. ... recommend project approaches to cope with uncertainty, complexity, and human behavior while accounting for the multidimensional goals of project stakeholders				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommended: at least 12 ECTS credits from the group Foundation Knowledge				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Specialization Section Supply Chain Management Master of Science Mathematik: MA Business and Economics Sciences Mathematics Master of Science Economics: Supplementary Section Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics				

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

	<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 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 Geographie: Business Administration Master Geography</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager Univ.-Prof. Dr. Fabian Sting</p>
10	<p>Miscellaneous</p>

SpM Selected Issues in Behavioural Supply Chain Management					
Module Code 1271MSIBS1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Behavioural Supply Chain Management		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Behavioural Decision Making • Behavioural Management • Decision Heuristics 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods in Behavioural Operations Management. ... assess and discuss findings and research results of specialized theories / methods. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... prepare independently a research design for a question. ... communicate continuously and purposefully in diverse teams. ... justify and defend (independently developed) positions or problem solutions. ... present scientific results in a way that is appropriate for the target audience. ... use techniques of scientific work and good scientific practice.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: The basic modules Supply Chain Analytics I and II should have been completed.				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Specialization Section Supply Chain Management Master of Science Economics: Supplementary Section Master of Science International Management: Supplementary Section International Management Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education 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:				

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	Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager Prof. Dr. Nicolas Fugger Area Supply Chain Management
10	Miscellaneous

SpM Supply Chain Operations					
Module Code 1271MSSOP1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Supply Chain Operations		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Inventory Management • Contract Design • Capacity and Revenue Management • Supply Chain Management 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods to control supply chains. ... analyse current questions and challenges in supply chain management. ... communicate continuously and purposefully in diverse teams. ... 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. ... act responsibly considering ecological, social and ethical criteria. ... use techniques of scientific work and good scientific practice. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: The CM Supply Chain Analytics I should have been completed.				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Business Administration - Supply Chain Management: Specialization Section Supply Chain Management Master of Science Economics: Supplementary Section Master of Science International Management: Supplementary Section International Management Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education 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: 				

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	Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager Area Supply Chain Management Univ.-Prof. Dr. Ulrich W. Thonemann
10	Miscellaneous

Specialisation Module Operative Supply Chain Planning					
Module Code 1271OSCP01	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Production Management		Contact Hours 45h	Self-Studies 135h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Supply Chain Design • Demand Planning • Program Planning • Lotsizing and Scheduling • Inventory Management 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... acquire knowledge about the problems that occur in production planning and supply chain management and methods for solving them. ... learn about the relationships between the relevant decision variables and ... are able to develop, implement and evaluate proposals for practical solutions to specific decision problems, based on solid theoretical foundations. ... work cooperatively in teams, ... discuss and present Supply Chain Management topics, ... recognize the consequences of decision-making, ... learn to act in a responsible as well as sustainable way and ... organize autonomously their learning and working processes. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Specialization Section Supply Chain Management Master of Science Mathematik: MA Business and Economics Sciences Mathematics Master of Science Economics: Supplementary Section Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics Master of Science International Management: Core and Advanced Section International Management Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				

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	<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 Geographie: Business Administration Master Geography</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>
9	<p>Module Manager AD Dr. Johannes Antweiler Univ.-Prof. Dr. Horst Tempelmeier</p>
10	<p>Miscellaneous Guided and structured self-study in working groups with active presentation of results. Registration in ILIAS is required. Mandatory reading will be announced in ILIAS.</p>

SpM Taxation I					
Module Code 1016MSTAX1	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Taxation of Companies I		Contact Hours 45h	Self-Studies 135h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Business taxation • Taxation of different legal structures (partnerships and corporations) • Choice of legal structure • International business taxation • Double taxation and anti-tax avoidance legislation • Case studies 				
3	Learning Objectives Students... ... understand advanced, specialized methods in the area of tax law and business taxation. ... analyse current questions and challenges in the area of business taxation. ... assess and discuss findings and results of specialized methods. ... justify and defend (independently developed) positions or problem solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section 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 Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China				

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9	Module Manager Univ.-Prof. Dr. Michael Overesch
10	Miscellaneous

SpM Taxation II					
Module Code 1016MSTAX2	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Taxation of Companies II		Contact Hours 45h	Self-Studies 135h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Corporate tax planning • Tax planning in the case of mergers and acquisitions • Tax planning in the case of international company structures • Taxation and change of corporate form • Case studies 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized methods in the area of tax law and business taxation. ... analyse current questions and challenges in the area of business taxation. ... assess and discuss findings and results of specialized methods. ... justify and defend (independently developed) positions or problem solutions. ... act responsibly considering ecological, social and ethical criteria. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: SpM Taxation I				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <p>Master of Science Economics: Supplementary Section</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 - Marketing: Supplementary Section Marketing</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education</p> <p>Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China</p>				

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9	Module Manager Univ.-Prof. Dr. Michael Overesch
10	Miscellaneous

SpM Selected Issues in Accounting & Taxation II					
Module Code 1016MSSIS2	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses a) International Tax Planning b) Taxation of Corporate Groups c) Consolidated Balance Sheets d) Selected Issues in Business Valuation e) Selected Issues in Controlling II		Contact Hours a) 30h b) 30h c) 30h d) 30h e) 30h	Self-Studies a) 60h b) 60h c) 60h d) 60h e) 60h	Course Language a) English b) German c) German d) German e) English
2	Module Content Selected Issues in managerial accounting, financial accounting, auditing , business valuation or business taxation				
3	Learning Objectives Students... ... understand advanced, specialized theories or methods in accounting or taxation. ... analyse current questions and challenges in accounting or taxation. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss topics in a professional manner and appropriate to the situation with specialists. ... develop work processes for real problems and challenges.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination: Two lectures have to be chosen. The exam covers the content of two lectures.				
8	Other Programmes that Use the Module Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Specialisation Section Accounting and Taxation				
9	Module Manager Area Accounting and Taxation				
10	Miscellaneous				

CM International Tax Law					
Module Code 1015MBISR1	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses International Tax Law		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content • Foreign Tax Act • Double Taxation Convention				
3	Learning Objectives Students... ... acquire legal methodological competence in the field of international tax law. ... receive content-related skills for understanding international tax law. ... learn how to solve new cases by applying the technical and methodological skills acquired.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (120)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation				
9	Module Manager Univ.-Prof. Dr.' Johanna Hey				
10	Miscellaneous Language: german				

CM Tax Accounting Law					
Module Code 1015MBBIL1	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Tax Accounting Law		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content <ul style="list-style-type: none"> • German Commercial Code • German Fiscal Code/Income Tax Act/Valuation Act • International accounting standards • Tax accounting legal issues • Case studies 				
3	Learning Objectives Students... ... acquire methodological competence in the area of tax accounting law. ... acquire subject expertise to deepen their understanding of tax accounting law. ... learn how to solve new cases using the subject expertise and methodological competence they have acquired.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (120)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Science Business Administration - Accounting and Taxation: Core and Advanced Section Accounting and Taxation				
9	Module Manager Univ.-Prof. Dr. Joachim Hennrichs				
10	Miscellaneous				

CM Selected Issues of Tax Law					
Module Code 1015MBAFS1	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Selected Issues of Tax Law		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content Selected Issues of Tax Law				
3	Learning Objectives Students... ... deepen their knowledge in special areas of tax law. ... acquire competence in the areas of group tax law and reorganisation tax law. ... deal with the special tax features of the taxation of groups of companies in the subject Group Tax Law. ... deal with the various transformation processes in the subject Reorganisation Tax Law. ... receive an overview of the tax treatment of mergers, splits, contributions, conversions, accruals, share swaps and international conversions.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements Recommendation: basic knowledge of income tax law and corporate tax law				
6	Mode of End-Of-Module Examination Written test: WT (120)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation				
9	Module Manager Univ.-Prof. Dr.' Johanna Hey				
10	Miscellaneous				

SuM Economic Geography I					
Module Code 1343MEEGY1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Start-ups and Innovation in the European Union		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Spatial patterns of economic activities in the European Union • Geographical and interdisciplinary approaches to entrepreneurship, innovation, creativity and territorial innovation systems • Empirical case studies from different EU regions 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories of entrepreneurship and innovation research within the context of regional development. ... analyse current questions and challenges considering the role of knowledge intensive and creative industries for regional development in the European Union. ... write an academic paper on a selected topic and achieve thereby their own scientific contribution. ... justify and defend (independently developed) positions or problem solutions. ... critically evaluate spatial disparities of the European Union and formulate recommendations for policy makers based on their insights. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Economics: Supplementary Section Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Information Systems: Supplementary Section Information Systems 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 				
9	Module Manager				

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	Univ.-Prof. Dr.' Martina Fuchs
10	Miscellaneous

SuM Economic Geography II					
Module Code 1343MEEGY2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Digitalization, Smart Manufacturing and 'Smart' Regions		Contact Hours 60h	Self-Studies 300h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Digitalization as opportunity and challenge for internationalization and spatial development • Geographical approaches to digital change in the areas of production and consumption • Smart Manufacturing • Smart regional development and 'Smart City'- strategies • Regional Innovation Systems • Digitalization of value chains: case studies • Digitalization and sustainable development: institutional arrangements and strategies of practitioners 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories of technological change to digitalization processes in the areas of production, consumption and work. ... analyse characteristics and current questions and challenges of digital transformation. ... write an academic paper on a selected topic using literature from economic geography and achieve thereby their own scientific contribution. ... justify and defend (independently developed) positions or problem solutions. ... critically evaluate assess opportunities and challenges of digitalization for different actors (small and large firms, employees, final consumers) within different value chains. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <p>Master of Science Economics: Supplementary Section</p> <p>Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</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>				

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	Master of Arts Regionalstudien China - Sozialwissenschaften: Social Sciences Master Regional Studies China
9	Module Manager Univ.-Prof. Dr.' Martina Fuchs
10	Miscellaneous

SuM Economic Geography III					
Module Code 1343MEEGY3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Global South and Sustainable International Business: Ethics, Responsibility and Governance		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Sustainability as interdisciplinary theoretical concept and as strategic approach of companies • Theoretical approaches to regional development in the context of international production • Modes and ways of regional economic integration in the world economy • Empirical case studies of regions of the Global South • Strategies and governance for sustainable development 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theoretical approaches to sustainability, ethics, corporate responsibility and governance in the context of a globalized economy. ... assess and discuss analyse drivers and limitations of corporate social responsibility (CSR) and regional social responsibility (RSR) in global value chains. ... collect, systematize and synthesize independently literature from economic geography and related disciplines as well as secondary data. ... discuss the effects of foreign direct investment in countries of the Global South with regard to local resource pools and sustainable development. ... critically evaluate upgrading strategies in global value chains as drivers for growth and development. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Economics: Supplementary Section Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Information Systems: Supplementary Section Information Systems 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 				

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	Master of Arts Regionalstudien China - Sozialwissenschaften: Social Sciences Master Regional Studies China
9	Module Manager Univ.-Prof. Dr.' Martina Fuchs
10	Miscellaneous

SuM Economic Geography IV					
Module Code 1343MEEGY4	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Methods in Regional Research		Contact Hours 60h	Self-Studies 300h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Research methods in economic geography and regional studies • Selected geographical case study of a region or city, e.g. in North Rhine-Westphalia • Designing and conducting a research project in economic geography 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... prepare independently a qualitative, quantitative or mixed-method research design to analyse current issues in economic geography. ... write an academic paper on a selected topic and achieve thereby their own scientific contribution. ... communicate continuously and purposefully in diverse teams. ... critically evaluate issues of positionality and ethics in geographical field work. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Economics: Supplementary Section Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Information Systems: Supplementary Section Information Systems 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 				
9	Module Manager Univ.-Prof. Dr.' Martina Fuchs				

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10	Miscellaneous
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SpM Accounting I					
Module Code 1016MSACC1	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Sustainability Reporting		Contact Hours 45h	Self-Studies 135h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Conceptual and Institutional Background • General Requirements • Reporting on Governance Issues • Reporting on Environmental Issues • Reporting on Social Issues • Preparing Sustainability Reports • Assuring Sustainability Reports • Analyzing Sustainability Reports 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods in the area of sustainability/ESG reporting. ... analyse current questions and challenges in the area of sustainability/ESG reporting. ... 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing 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 Informatik: Anwendungsfeld Master of Science Geographie: Wahlpflichtfach Management & Social Sciences				

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	<p>Master of Science Economics: Supplementary Section Management & Social Sciences</p> <p>Master of Science Mathematik: Economics Sciences</p> <p>Master of Science Wirtschaftsmathematik: Economics Sciences</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p> <p>Master of Science Business Administration - Accounting and Taxation: Specialisation Section Accounting and Taxation</p>
9	<p>Module Manager Prof. Dr. Maximilian A. Müller</p>
10	<p>Miscellaneous The examination is offered in every term.</p>

SpM Accounting II					
Module Code 1016MSACC2	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses International Accounting		Contact Hours 45h	Self-Studies 135h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Theoretical as well as institutional foundations of IFRS • IASB-Framework • Recognition and measurement of different classes of assets and liabilities • Special issues of individual and consolidated IFRS reports 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods in the area international accounting. ... analyse current questions and challenges in the area of uninternational accounting. ... gain confidence in reporting according to international financial reporting standards (IFRS) with respect to recognition as well as measurement issues. ... acquire knowledge enabling them to interpret IFRS in light of their principle-based character. ... solve new problems and cases, using the subject-related and methodological competence taught in the module. ... apply business valuation concepts within the framework of IFRS accounting. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Economics: Supplementary Section 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 Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation 				

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	Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager N. N.
10	Miscellaneous The examination is offered in every term.

SpM Selected Issues in Accounting & Taxation I					
Module Code 1016MSSIS1	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses a) Tax Accounting b) Financial Service and Real Estate Taxation c) Taxation of Family Business d) Selected Issues in Controlling I e) Annual Audit f) Special Audits		Contact Hours a) 30h b) 30h c) 30h d) 30h e) 30h f) 30h	Self-Studies a) 60h b) 60h c) 60h d) 60h e) 60h f) 60h	Course Language a) English b) English c) German d) English e) German f) German
2	Module Content Selected Issues in managerial accounting, financial accounting, auditing or business taxation				
3	Learning Objectives Students... ... understand advanced, specialized theories or methods in accounting or taxation. ... analyse current questions and challenges in accounting or taxation. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss topics in a professional manner and appropriate to the situation with specialists. ... develop work processes for real problems and challenges.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination: Two lectures must be taken. The exam covers the content of two lectures.				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Supplementary Section Master of Science International Management: Supplementary Section International Management Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:				

MODULE CATALOGUE - ECONOMICS - MASTER OF SCIENCE

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	<p>Supplementary Section Business Education Master of Science Business Administration - Accounting and Taxation: Specialization Section Accounting and Taxation Supplementary Section Accounting and Taxation</p>
9	<p>Module Manager Area Accounting and Taxation</p>
10	<p>Miscellaneous</p>

SpM Selected Issues in Accounting & Taxation II					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1016MSSIS2	180h	6	German and English	every 2nd term - winter term	1 Term
1	Courses a) International Tax Planning b) Taxation of Corporate Groups c) Consolidated Balance Sheets d) Selected Issues in Business Valuation e) Selected Issues in Controlling II		Contact Hours a) 30h b) 30h c) 30h d) 30h e) 30h	Self-Studies a) 60h b) 60h c) 60h d) 60h e) 60h	Course Language a) English b) German c) German d) German e) English
2	Module Content Selected Issues in managerial accounting, financial accounting, auditing , business valuation or business taxation				
3	Learning Objectives Students... ... understand advanced, specialized theories or methods in accounting or taxation. ... analyse current questions and challenges in accounting or taxation. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss topics in a professional manner and appropriate to the situation with specialists. ... develop work processes for real problems and challenges.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination: Two lectures have to be chosen. The exam covers the content of two lectures.				
8	Other Programmes that Use the Module Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Specialisation Section Accounting and Taxation				
9	Module Manager Area Accounting and Taxation				
10	Miscellaneous				

AM Empirical Methods					
Module Code 1314MAEMT1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Empirical Methods		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Principles of modern data analysis • Parametric and nonparametric statistical inference • Causal Inference • Specialized econometric tools • Machine learning and big-data methods • Classification methods 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... use techniques of scientific work and good scientific practice.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements Recommendation: BM Econometrics				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Core and Advanced Section Supply Chain Management Master of Science Economics: Specialization Section Economics Supplementary Section Master of Arts Regionalstudien China - Volkswirtschaftslehre: Economics Master Regional Studies China Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research 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:				

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	<p>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 Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Economics Master Regional Studies Eastern Europe Master of Science Business Administration - Corporate Development: Core and Advanced Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Core and Advanced Section Accounting and Taxation Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America</p>
9	<p>Module Manager Univ.-Prof. Dr. Jörg Breitung</p>
10	<p>Miscellaneous</p>

SpM Market Design and Behaviour I					
Module Code 1289MSMDB1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Information and Strategy		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content 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.				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CM Microeconomics or CM Microeconomics (Business Administration)				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
9	Module Manager Univ.-Prof. Dr. Christoph Schottmüller				
10	Miscellaneous				

SpM Market Design and Behaviour II					
Module Code 1289MSMDB2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability irregular	Duration 1 Term
1	Courses Economic Engineering		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Evaluation of the roles of theory and laboratory/field experiments in the development of markets and incentive systems • Analysis of relevant behavioural phenomena and institutional details of particular importance for specific designs • Discussion of practical applications of economic engineering in matching markets, auctions and other markets 				
3	Learning Objectives Students... ... analyse current questions and challenges in the area of market design. ... write an academic paper on a selected topic and achieve thereby their own scientific contribution. ... discuss problems in markets with respect to different affected groups in a professional manner. ... critically evaluate current developments in different markets and develop alternative solutions.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendation				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Axel Ockenfels				

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10	Miscellaneous
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SpM Market Design and Behaviour III					
Module Code 1289MSMDB3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Economics of Innovation		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content Core and current research in the field Economics of Innovation: <ul style="list-style-type: none"> • Ideas and knowledge production, adoption and diffusion of technologies • Competition in product markets, market entry, innovation, and economic growth • Innovation, productivity, and reallocation • Intellectual property rights, science and basic research • Mobility of innovators and high-skilled individuals • Decision-making of inventors and entrepreneurs • Artificial intelligence, automation, and digital transformation Empirical modelling and econometric methods: <ul style="list-style-type: none"> • Potential outcomes, treatments, assignment mechanisms, and identification of causal effects • Difference-in-differences methods, methods using instrumental variables • Propensity-score and matching methods, non- and semi-parametric models, machine learning 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced methods in the field Economics of Innovation. ... extend and use their knowledge of econometrics, economic theory, and data sources. ... assess and evaluate quantitative findings and research results. ... present and discuss scientific contributions, including their own contributions. ... are introduced to new research questions. ... use techniques of scientific work and good scientific practice. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CMs Econometrics, Microeconomics, and Macroeconomics and AM Empirical Methods in the M.Sc. Economics or the CMs Advanced Econometrics I, Advanced Microeconomics I, and Advanced Macroeconomics I in the M.Sc. Economic Research				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				

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	<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>
9	<p>Module Manager Univ.-Prof. Dr.' Susanne Prantl</p>
10	<p>Miscellaneous See the relevant online systems and www.iam.uni-koeln.de for further information.</p>

SpM Market Design and Behaviour IV					
Module Code 1289MSMDB4	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses a) Auction Theory (WS) b) Contract Theory		Contact Hours a) 60h b) 45h	Self-Studies a) 120h b) 135h	Course Language a) English b) German
2	Module Content Contract Theory: • Principal-agent models • Moral hazard, adverse selection • Hold-up problem • Incomplete contracts /// Auction Theory (winter semester, until 2022/23): • Auctions with "private values": second-price auctions, first-price auctions, reservation prices, revenue equivalence theorem, extensions • Mechanism design: revelation principle, optimal mechanisms, efficient mechanisms • Auctions with "interdependent values": comparisons of auction proceeds, linkage principle				
3	Learning Objectives Students... ... understand advanced, specialized methods of formal institutional economics. ... analyse questions and challenges in situations with asymmetric information. ... assess findings and research results in the theory of economic incentives. ... solve contract-theoretic problems independently.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements no recommendation				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination in one of the courses offered.				
8	Other Programmes that Use the Module 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:				

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	Specialization Section Economics Supplementary Section Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research
9	Module Manager Univ.-Prof. Dr. Patrick W. Schmitz
10	Miscellaneous

Specialisation Module Behavioral Economics					
Module Code 1289SMBE00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Behavioral Economics		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content 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.				
3	Learning Objectives Students... ... understand behavioural models and formal arguments. ... apply advanced microeconomic concepts. ... challenge arguments critically.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommended: Core modules in Microeconomics				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module 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 Master of Science Economic Research: Supplementary Section Economic Research				

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9	Module Manager Fachbereich Mikroökonomik Jun.-Prof. Dr. Frederik Schwerter
10	Miscellaneous

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

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

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

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

SpM Market Design and Mechanism Design					
Module Code 1289MSMMD1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Matching and Market Design: Theory and Practice		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content Matching Markets, Mechanism Design with and without monetary transfers				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Knowledge of game theory				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Alexander Westkamp				

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

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

SpM Markets and Economic Policy III					
Module Code 1302MSMEP3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Development Economics		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Introduction to development economics based on theoretical and empirical research • Causes and consequences of poverty, underinvestment in health, education, and wealth • Risk and insurance • Methods to evaluate development projects and policies 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... 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. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration)				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> Master of Science Economics: <ul style="list-style-type: none"> Specialization Section Economics Supplementary Section Master of Arts Politikwissenschaft: <ul style="list-style-type: none"> Supplementary Section Political Science Master of Science Business Administration - Finance: <ul style="list-style-type: none"> Supplementary Section Finance Master of Science Information Systems: <ul style="list-style-type: none"> Supplementary Section Information Systems Master of Science Economic Research: <ul style="list-style-type: none"> Supplementary Section Economic Research 				
9	Module Manager Univ.-Prof. Dr. Erik Hornung				
10	Miscellaneous				

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

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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>
9	<p>Module Manager Univ.-Prof. Michael Krause, Ph.D.</p>
10	<p>Miscellaneous</p>

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

Specialisation module: Seminar Markets and Institutions					
Module Code 1302SMSI00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every term	Duration 1 Term
1	Courses Seminar Markets and Institutions		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content Current issues relating to microeconomic theory, empirical microeconomics, experimental economics, markets and institutions in general.				
3	Learning Objectives Students... ... discuss the current issues in theory and applied practice, applying the microeconomic knowledge they have acquired on the programme. ... read the theoretical and practical literature on the subject and discuss it in a critical manner. ... summarise their findings in an essay, present them in class and discuss them with the other participants. ... engage in academic discourse about specific markets and institutions.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science International Management: Supplementary Section International Management				
9	Module Manager Univ.-Prof. Dr. Johannes Münster Univ.-Prof. Dr.' Susanne Prantl				
10	Miscellaneous				

Specialisation module Competition Policy					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1289SMCP00	180h	6	English	irregular	1 Term
1	Courses Competition Policy		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Institutional background: competition policy in Germany, the EU and the US • Market power: theory and measurement • Unilateral abuse of market power: horizontal and vertical restraints on competition • Multilateral abuse of market power: cartels and implicit agreements 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... 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. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module <ul style="list-style-type: none"> 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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valid for students of the ER 2015 (enrolment for winter semester 2020/21 at the latest)

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

SpM Media Economics					
Module Code 1289MSMEC1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Media Economics		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Characteristics of media markets • Cost and revenue structures on media markets • Digital transformation of media markets • Political economy of media markets 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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
9	Module Manager Univ.-Prof. Dr. Johannes Münster
10	Miscellaneous

CM Health Economics III					
Module Code 1282MBHHE3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Information problems in healthcare markets		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Relevant players on these markets, their goals and factors influencing decisions • Relationships between the players and implications in terms of health care market design • Analysis of existing health care systems in Europe and the rest of the world 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... analyse current questions and challenges. ... 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. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module <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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9	Module Manager Univ.-Prof. Dr. Christoph Schottmüller
10	Miscellaneous

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

Specialisation Module Topics in Markets and Institutions B					
Module Code 1302SMTM03	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability irregular	Duration 1 Term
1	Courses a) Topics in Markets and Institutions B b) Empirical Industrial Organization (Research Track)		Contact Hours a) 60h b) 60h	Self-Studies a) 120h b) 120h	Course Language a) English b) English
2	Module Content <ul style="list-style-type: none"> • Empirical industrial economics • Empirical modelling, econometric methods and economic theory • Competition policy and regulation • Use of statistical and econometric software 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendations: Core module Econometrics or Econometrics (Research Track), core module Microeconomics I or Microeconomics I (Research Track)				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test. Only one course must be attended; the examination refers to the topic of only one course.				
8	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science Economic Research: Supplementary Section Economic Research				
9	Module Manager Univ.-Prof. Dr.' Susanne Prantl				
10	Miscellaneous 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.				

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

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

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

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

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4	<p>Teaching and Learning Methods lecture practice</p>
5	<p>Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics</p>
6	<p>Mode of End-Of-Module Examination Oral examination: OE</p>
7	<p>Prerequisites for Awarding of Credit Points Passing the oral examination of one course. A course is to be attended; the oral examination relates to the content of one course.</p>
8	<p>Other Programmes that Use the Module 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>
9	<p>Module Manager Dr. Bastian Gribisch</p>
10	<p>Miscellaneous</p>

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

Specialisation Module Seminar Statistics and Econometrics					
Module Code 1314SMSS00	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Seminar in Statistics and Econometrics		Contact Hours 30h	Self-Studies 150h	Course Language German and English
2	Module Content The seminar covers topics from areas such as: <ul style="list-style-type: none"> • Time series analysis • Microeconometrics • Macroeconometrics • Panel econometrics • Financial market econometrics and statistics • Bayesian econometrics and statistics • Non-parametric methods • Analysis of stochastic processes • Statistical inference 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... analyse specialist literature on the subject. ... critically assess contemporary statistical and econometric methods. ... apply contemporary statistical and econometric methods independently in practice to analyse real data. ... write and present a paper in accordance with academic standards. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements Recommended: Core module Econometrics I and/or specialisation module Advanced Statistics (Stochastics Processes) or Advanced Statistics (Statistical Inference)				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Economics: <ul style="list-style-type: none"> Specialization Section Economics Supplementary Section Master of Arts Politikwissenschaft: <ul style="list-style-type: none"> Supplementary Section Political Science Master of Science Business Administration - Finance: <ul style="list-style-type: none"> Supplementary Section Finance Master of Science Information Systems: <ul style="list-style-type: none"> Supplementary Section Information Systems Master of Science Business Administration - Marketing: <ul style="list-style-type: none"> Supplementary Section Marketing Master of Science Business Administration - Corporate Development:				

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

Studies Abroad in Economics A					
Module Code 1287STIE01	Workload 180h	ECTS Credits 6	Module Language	Module Availability every term	Duration 1 Term
1	Courses		Contact Hours	Self-Studies	Course Language
2	Module Content				
3	Learning Objectives Students...				
4	Teaching and Learning Methods depending on course choice				
5	Module Entry Requirements depending on course choice				
6	Mode of End-Of-Module Examination TR - depending on course selection				
7	Prerequisites for Awarding of Credit Points				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section				
9	Module Manager				
10	Miscellaneous 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 : https://www.anrechnungswiso.uni-koeln.de/ .) 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.				

Studies Abroad in Economics B					
Module Code 1287STIE02	Workload 180h	ECTS Credits 6	Module Language	Module Availability every term	Duration 1 Term
1	Courses		Contact Hours	Self-Studies	Course Language
2	Module Content				
3	Learning Objectives Students...				
4	Teaching and Learning Methods depending on course choice				
5	Module Entry Requirements				
6	Mode of End-Of-Module Examination TR - depending on course selection				
7	Prerequisites for Awarding of Credit Points depending on course choice				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section				
9	Module Manager				
10	Miscellaneous 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 : https://www.anrechnungswiso.uni-koeln.de/ .) 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.				

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

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

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

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

CM Advanced Macroeconomics I					
Module Code 1302MBAMA1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Advanced Macroeconomics I		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Stylized facts: growth and business cycles • Dynamic optimization in continuous time and in discrete time under uncertainty • Stability and uniqueness of dynamic systems • The canonical neoclassical growth model • Exogenous and endogenous growth • Real business cycles (TFP and fiscal policy shocks) • Numeral solutions, simulation and evaluation of structural models • Calibration and introduction in structural estimation of model parameter 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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>
9	<p>Module Manager Univ.-Prof. Dr. Peter Funk</p>
10	<p>Miscellaneous 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>

CM Advanced Macroeconomics II					
Module Code 1302MBAMA2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Advanced Macroeconomics II		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Complete markets and representative agents • Incomplete markets and heterogeneous agents • Fiscal policy, public debt, and optimal taxation • Transaction frictions and monetary policy • Open economy macroeconomics • New Keynesian macroeconomics • Labour market frictions and Labour market fluctuations 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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>
9	<p>Module Manager Univ.-Prof. Michael Krause, Ph.D. Univ.-Prof. Dr. Andreas Schabert</p>
10	<p>Miscellaneous Useful references are Ljungqvist, Lars and Thomas J. Sargent (2012). Recursive macroeconomic theory. 3rd ed. Cambridge, MA: MIT Press; Gali, J. (2015) Monetary Policy, Inflation, and the Business Cycle An Introduction to the New Keynesian Framework and Its Applications, 2nd ed., Princeton University Press. Schmitt-Grohe, S., and Uribe M. (2017). Open Economy Macroeconomics, Princeton University Press</p>

CM Advanced Econometrics I					
Module Code 1314MBAEM1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Advanced Econometrics: Theory		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • The classic linear model • Tests in the classical linear model • Specification of econometric models • Generalised linear model • Panel data regression • Time series econometric methods • Instrument Variables / GMM • Asymptotic Inference 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science 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>
9	<p>Module Manager Univ.-Prof. Dr. Jörg Breitung</p>
10	<p>Miscellaneous This module presents econometric tools for the analysis of cross-sectional data, time series and panel data at doctoral level.</p>

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

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

SpM Market Design and Mechanism Design					
Module Code 1289MSMMD1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Matching and Market Design: Theory and Practice		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content Matching Markets, Mechanism Design with and without monetary transfers				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Knowledge of game theory				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Alexander Westkamp				

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

SpM Advanced Public Economics					
Module Code 1302MSAPE1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Advanced Public Economics		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Optimal income taxation • Optimum excise duties • Optimal combination of direct and indirect taxes • Taxation of capital income • Corporate taxation • Political economy of redistributive taxes • Sufficient statistics approaches • Perturbation method • Mechanism design 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: basic knowledge of differential calculus, optimisation problems with constraints, knowledge of consumer theory, knowledge of game theory				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module 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				
9	Module Manager Univ.-Prof. Dr. Felix Bierbrauer				
10	Miscellaneous				

SpM Advanced Behavioural Economics					
Module Code 1289MSABE1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Behavioural Economics		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content 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.				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommendation: Core Module Advanced Microeconomics I				
6	Mode of End-Of-Module Examination Written test: PO				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Science Economic Research: Specialization Section Economic Research				
9	Module Manager Univ.-Prof. Dr.' Pia Pinger				
10	Miscellaneous				

Spm Frictions, Technology, and Inequality					
Module Code 1302MSFT11	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Technical Change, Labour, and Inequality		Contact Hours 45h	Self-Studies 135h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Balanced and imbalanced growth and the dynamics of inequality in standard models with capital, skilled labour, and unskilled labour • Directed technical change, balanced growth and persistent inequality • Automation in models with directed technical change: Causes and implications. Robots: Curse or Blessing? Robots and Taxes • Persistent inequality and the dynamics of skill acquisition and labour supply • Polarization in models with occupations and tasks. Assignment models • Technical change and labour market issues: Reallocation of employment, unemployment and labour market policy • Empirical analysis of the causes and consequences of technological change and earnings inequality • Episodes of fundamental technical change as quasi-experimental settings for causal inference 				
3	Learning Objectives 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.				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements Recommended: CM Advanced Macroeconomics I, CM Advanced Econometrics I; CM Advanced Macroeconomics II can be attended simultaneously				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination.				
8	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Science Economic Research: Specialization Section Economic Research				

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

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

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

Studies Abroad I (Master)					
Module Code 1014SAEr01	Workload 360h	ECTS Credits 12	Module Language	Module Availability every term	Duration 1 Term
1	Courses		Contact Hours	Self-Studies	Course Language
2	Module Content Depends on chosen course				
3	Learning Objectives Students... ... describe approaches to business administration, economics and social sciences from an international perspective. ... explain international issues in the areas of business administration, economics and social science. ... discuss and compare different theories and approaches in business administration, economics and social science. ... develop new intellectual perspectives with regard to their own education. ... recognize the dynamic, global dimensions of their professional future.				
4	Teaching and Learning Methods depending on course choice				
5	Module Entry Requirements No recommendations				
6	Mode of End-Of-Module Examination TR - depending on course selection				
7	Prerequisites for Awarding of Credit Points Depends on chosen course				
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Economics: Supplementary Section Master of Science Sociology and Social Research: Supplementary Section Sociology and Social Research Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Business Administration - Finance: Supplementary Section Finance Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education 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				

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9	Module Manager
10	<p>Miscellaneous</p> <p>Language: can be held in English or in any language offered at the host university. This module can be studied at a higher education institution in another country. There is a standardised crediting procedure for such cases. Information about course crediting (deadlines and procedures) can be obtained from the Credit Transfer Centre (WiSo Credit Transfer Centre: https://www.anrechnungwiso.uni-koeln.de/) This module can also be taken as part of a summer school organised by the WiSo Faculty. In this case, students must register for the examination in accordance with the rules of the WiSo Faculty prior to embarking on the module.</p>

3.6.4 Masterthesis Economics

Master's Thesis in Economics					
Module Code 1287MaEc00	Workload 720h	ECTS Credits 24	Module Language German and English	Module Availability every term	Duration 1 Term
1	Courses		Contact Hours	Self-Studies	Course Language
2	Module Content The topic of the master's thesis must reflect the economic methods learned during the programme.				
3	Learning Objectives Students... ... are familiar with current debate on economic theories and methods and make use of it through their own independent research work. ... identify questions and issues that meet academic requirements. ... work on these questions independently, using the main primary and secondary literature. ... formulate theoretical and methodical (qualitative and/or quantitative) approaches to academic research. ... draw up a research plan and implement it independently. ... organise and design an academic research process. ... independently collect relevant data and evaluate them in a methodically competent manner. ... discuss theoretical and methodical problems in depth with teaching staff, other students and persons with an interest in the field. ... critically assess research findings and derive conclusions from them that are relevant to research and society.				
4	Teaching and Learning Methods Master's Thesis				
5	Module Entry Requirements 60 ECTS credits obtained				
6	Mode of End-Of-Module Examination Written test 6 months				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module Master of Science Economics: Masterthesis Economics				
9	Module Manager Univ.-Prof. Michael Krause, Ph.D.				
10	Miscellaneous The master's thesis may be written in German or English.				