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
С	Course	SI	Studium Integrale
CC	Compulsory course	SM	Specialisation module
СН	Contact hours (= time spent in class)	SPM	Supplementary module
СМ	Core module	SPW	Semester period per week
СР	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 examniation	TR	Credit points transferred from another university
PCR	Practical component report	WL	Workload
РО	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.

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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).

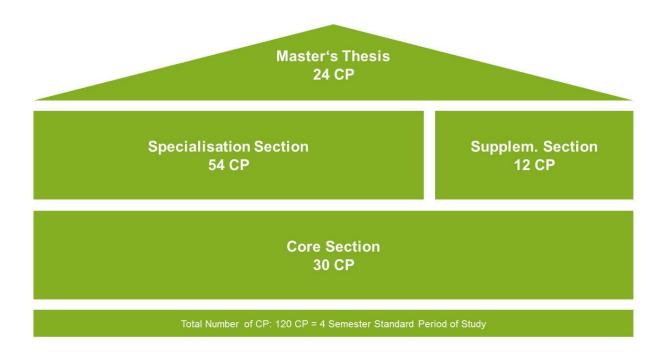
1.3 Programme structure

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.

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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 <u>Double Master's Programme in Economics</u> 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 <u>International Relations Center (ZIB WiSo)</u> 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 <u>WiSo EXchange (WEX) International Outgoings Portal</u> (access through the student's UoC account only), along with detailed information on each university.

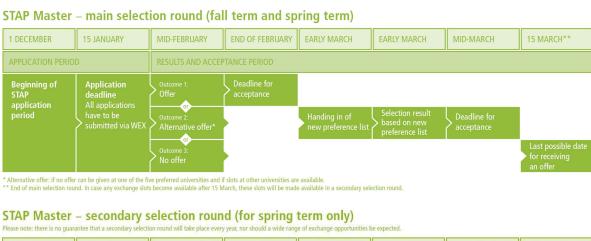
Every year, aside from the STAP programme, the WiSo Faculty organises an exclusive short-term study option WiSo@NYC which takes place in New York City.

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 <u>International Relations Center (ZIB WiSo)</u> 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):



^{*} 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

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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 <u>WiSo Credit Transfer Center</u> > Information > Studies Abroad. For any questions regarding credit transfer, students can contact the <u>ZIB WiSo</u> or the <u>WiSo Credit Transfer Center</u>.

1.6 Sample study plans

M.Sc	. Econor	nics		
	EC/			
	СС	Module	Section	СР
1	CC	CM Microeconomics	Core section	6
1	СС	CM Macroeconomics	Core section	6
1	СС	CM Econometrics I	Core section	6
1	СС	CM Mathematics	Core section	6
1	СС	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

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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 midterm, 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.

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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 <u>WiSo Student Service Point (WiSSPo)</u> 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.

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2.3 Subject-specific and examination advice

The <u>Wisspo</u> 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 <u>Wisspo</u> 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 <u>International Relations Center</u> ("<u>Zentrum für Internationale Beziehungen"</u> or "<u>ZIB"</u>) 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 <u>Credit Transfer Centre</u> (<u>Zentrum für die Anrechnung auswärtiger Leistungen</u>) 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 <u>WiSo Career Service</u> 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.

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The <u>WiSo IT Service</u> 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 <a href="mailto:e-mailto:

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@uni-koeln.de.

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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
	CM Mathematics	6	СС	30
ıtals	CM Microeconomics	6	СС	
Fundamentals	CM Macroeconomics	6	СС	
Func	CM Econometrics ¹	6	СС	
	Core Module Methods	6	СС	

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

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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
	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	
Selected Issues in Economics	Specialisation Module Topics in Design and Behavior D	6	EC	
Ecor	SpM Market Design and Mechanism Design	6	EC	
nes in	SpM Markets and Economic Policy I	6	EC	
ssl pe	SpM Markets and Economic Policy III	6	EC	
select	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 III¹	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 Seminar Design and Behavior	6	СС	6	18
	SpM Market Design and Behaviour II	6	EC	12	
o l	SpM Market Design and Behaviour IV	6	EC		
ehavi	Specialisation Module Behavioral Economics	6	EC		
and B	Specialisation Module Topics in Design and Behavior A	6	EC		
Design and Behavior	Specialisation Module Topics in Design and Behavior B	6	EC		
Ŏ	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		
SS	Specialisation Module Seminar in Energy, Resource and Environmental Economics	6	СС	6	18
Energy Economics	SuM Energy and Climate Change I	6	EC	12	
gy Ec	SuM Energy and Climate Change II	6	EC		
Ener	SuM Energy and Climate Change III	6	EC		
	SuM Energy and Climate Change IV	6	EC		
lne- Econ-	Specialisation module Seminar in Growth, Labor and Inequality in the Global Economy	6	CC	6	18
Growth, Labor and Inquality in the Global Ec	SpM Markets and Economic Policy I	6	EC	12	
Labc the G	SpM Markets and Economic Policy III	6	EC		
rowth ality in	SpM Markets and Economic Policy IV	6	EC		
Sup Sup	SpM Markets and Economic Policy V	6	EC		
	Specialisation module: Seminar Markets and Institutions	6	CC	6	18
rtions	Specialisation module Competition Policy	6	EC	12	
Institu	SpM Media Economics	6	EC		
Markets & Institutions	SpM Market Design and Behaviour I	6	EC		
Mark	SpM Market Design and Behaviour III	6	EC		
	CM Health Economics III	6	EC		

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

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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
	SpM Taxation I	6	EC	12
	SpM Taxation II	6	EC	
tion	SpM Controlling I	6	EC	
Accounting and Taxation	SpM Controlling II	6	EC	
ıg and	SpM Accounting I	6	EC	
ountin	SpM Accounting II	6	EC	
Aco	SpM Selected Issues in Accounting & Taxation I	6	EC	
	SpM Selected Issues in Accounting & Taxation II	6	EC	
	SpM Advanced Accounting	6	EC	
	SpM Controlling I	6	EC	12
	SpM Controlling II	6	EC	
Controlling	SpM Advanced Accounting	6	EC	
Contr	SpM Selected Issues in Accounting & Taxation I	6	EC	
	SpM Selected Issues in Accounting & Taxation II	6	EC	
	Specialisation module Finance 7	6	EC	
te 	SpM Business Ethics	6	EC	12
Corporate Develop-	SpM Strategic Human Resource Management	6	EC	
ŏŌ	SpM Strategic Management	6	EC	
Economic Psycho-	SuM Introduction to Economic Psychology	12	СС	12

	Specialisation Module Financial Theory	12	EC	12
Φ	Specialisation Module Financial Institutions Management	12	EC	
Finance	Specialisation Module Finance 5	6	EC	
"	Specialisation module Finance 7	6	EC	
	Specialisation Module Value-Based Management in Insurance	6	EC	
	SpM Marketing in Specific Contexts I	6	EC	12
Marketing	SpM Marketing in Specific Contexts II	6	EC	
Mark	SpM Marketing in Specific Contexts III	6	EC	
	SpM Brand Management	6	EC	
nent	SuM Media and Technology Management - Enterprises, Markets, and Strategies	6	EC	12
Medienmanagement	SuM Media and Technology Management - Selected Issues I	6	EC	
enma	SuM Media and Technology Management - Selected Issues II	6	EC	
Medi	SuM Media and Technology Management - Research and Publications	6	EC	
	CM Comparative Political Institutions	6	EC	12
haft	CM Comparative Political Economy	6	EC	
Politikwissenschaft	CM Democratic Theory and Practice	6	EC	
tikwis	CM International Relations	6	EC	
Poli	CM European Politics	6	EC	
	CM Research Design	6	EC	
İţ	SuM Social Regional Development and Co-Operatives	12	EC	12
Sozialpolitik	SpM Health Care Systems II¹	6	EC	
Soz	CM Health Care Systems ²	6	EC	
	SpM Supply Chain Innovation	6	EC	12
Supply Chain Ma- nagement	Specialisation Module Project Management	6	EC	
ply Chain I	SpM Selected Issues in Behavioural Supply Chain Management	6	EC	
Supply na	SpM Supply Chain Operations	6	EC	
	Specialisation Module Operative Supply Chain Planning	6	EC	
				_

βι	SpM Taxation I	6	EC	12
	SpM Taxation II	6	EC	
Unternehmensbesteuerung	SpM Selected Issues in Accounting & Taxation II	6	EC	
hmen	CM International Tax Law	6	EC	
iterne	CM Tax Accounting Law	6	EC	
	CM Selected Issues of Tax Law	6	EC	
d	SuM Economic Geography I	6	EC	12
Wirtschaftsgeo- graphie	SuM Economic Geography II	6	EC	
irtscha grap	SuM Economic Geography III	6	EC	
>	SuM Economic Geography IV	6	EC	
÷	SpM Accounting I	6	EC	12
Wirtschaftsprü- fung	SpM Accounting II	6	EC	
irtschaft fung	SpM Selected Issues in Accounting & Taxation I	6	EC	
>	SpM Selected Issues in Accounting & Taxation II	6	EC	
	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	
lics	SpM Market Design and Behaviour IV	6	EC	
conor	Specialisation Module Behavioral Economics	6	EC	
Selected Issues in Economics	Specialisation Module Topics in Design and Behavior A	6	EC	
Issue	Specialisation Module Topics in Design and Behavior B	6	EC	
ected	Specialisation Module Topics in Design and Behavior C	6	EC	
Sele	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	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	
	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	
searc	CM Advanced Econometrics I	6	EC	
Economic Research	CM Advanced Econometrics II	6	EC	
nouos	SpM Market Design and Mechanism Design	6	EC	
<u>Ш</u>	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	

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

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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.

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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.

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3.6 Module descriptions

3.6.1 Core and Advanced Section Economics

CM Math	ematics					
Module Code 1314MBMAT1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Mathematics for Economists			Contact Hours 60h	Self- Studies 120h	Course Language English
2	Systems of lingenvectors Optimisation of Difference and	Module Content Systems of linear equations, fundamentals genvectors Optimisation of functions of several variab Difference and differential equations Systems of difference and differential equations			determinants, ε	eigenvalues and ei-
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.				itify development po-	
4	Teaching and Learning Methods lecture practice					
5	Module Entry Requirements Recommendation: Knowledge of mathematics for economists on bachelor level					el
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 Manage	er				

	Prof. Dr. Rainer Dyckerhoff
10	Miscellaneous

CM Micro	economics					
Module Cod 1289MBMIC	-	Workload 180h	ECTS Credits	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	sustainable ress	uses on microe ource allocation on of information	n, the main emph	asis is on gam	e theory and in	ion of an efficient and formation asymme- tive criteria for such
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 UnivProf. Dr. Christoph Schottmüller				
10	Miscellaneous					

CM Mac	roeconomics						
Module Code 1302MBMAC1		Workload 180h ECTS Credits 6		Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Macroeconomic	Courses Macroeconomics			Self- Studies 120h	Course Language English	
2	The course focuments of economisecond part, should business by able, whether the economic policy	Module Content The course focuses on macroeconomic theory nants of economic growth and cross-country in second part, short-term fluctuations in economic real business cycle and new Keynesian model able, whether they coincide with outcomes that economic policy can help achieve socially design of dynamic optimisation and simulation of macroscopic policy.			s, using moder abilisation polic when market on society's pers The course als	n growth theory. In the ey are covered, using outcomes are sustain- spective, and whether	
3	Students understand ac analyse curre present scien act responsib	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 L lecture practice						
5	1	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	Master of Arts R Econor Master of Arts P Supple Master of Science Supple Master of Science Supple Master of Science Supple Master of Arts R Econor	ce Economics: and Advanced Stagionalstudier mics Master Resolitikwissensol mentary Section ce Business A mentary Section ce Information mentary Section mentary Section ce Internation mentary Section degionalstudier mics Master Resolution	Section Economics on China - Volkswire egional Studies Cl haft: on Political Science dministration - Fin on Finance Systems: on Information Sys	tschaftslehre: nina e ance: stems anagement uropa - Volkswi astern Europe			

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

CM Econo	ometrics					
Module Code 1314MBECO		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Econometrics				Self- Studies 120h	Course Language English
2		sion model s (LS) method a and instrument lihood (ML) me ited dependen			GLS) method	
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 Passing the modern	_				
8	Core at Master of Scient Core at Master of Arts R Econor Master of Scient Supple Master of Arts P Supple Master of Scient Core at Supple Master of Scient Supple Master of Scient Supple	ce Business Ad nd Advanced S ce Economics: nd Advanced S degionalstudier mics Master Re ce Sociology a mentary Section rolitikwissensch mentary Section ce Business Ad nd Advanced S mentary Section ce Information	dministration - Su Section Supply Ch Section Economica China - Volkswire Egional Studies Cl and Social Resear on Sociology and naft: on Political Science dministration - Fin Section Finance on Finance Systems:	s tschaftslehre: hina ch: Social Researche	ent	
	Master of Science Supple	ce Information mentary Sectio				

	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
9	Module Manager
	UnivProf. Dr. Roman Liesenfeld
10	Miscellaneous

Core Module Methods							
Module Code 1289BMMe00		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	1 ' '	Courses a) Experimental Methods b) Computational Methods			Self- Studies a) 120h b) 120h	Course Language a) English b) English	
2	Experimental M	Module Content Experimental Methods:					
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 L lecture practice						
5	Module Entry R	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	Master of Science Core at Master of Science	Other Programmes that Use the Module Master of Science Economics: Core and Advanced Section Economics Master of Science Geographie: Economics Master Geography					
9	Module Manage UnivProf. Dr. A UnivProf. Dr. C	Indreas Schab					

10	Miscellaneous

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3.6.2 Specialisation Section Economics

AM Emp	oirical Method	s						
Module Code 1314MAEMT1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Empirical Metho	Courses Empirical Methods			Self- Studies 135h	Course Language English		
2	Principles of nParametric anCausal InfererSpecialized edMachine learn	Module Content Principles of modern data analysis Parametric and nonparametric statistical in Causal Inference Specialized econometric tools Machine learning and big-data methods Classification methods			erence			
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 L	₋earning Meth	ods					
5	Module Entry R	-	netrics					
6		Mode of End-Of-Module Examination Written test: WT (90)						
7	I	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:							

10	Miscellaneous
9	Module Manager UnivProf. Dr. Jörg Breitung
	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

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 UnivProf. Dr. Christoph Schottmüller					
10	Miscellaneous					

Module Code 1289MSMDB2		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term			
1	Courses Economic Engin	eering		Contact Hours 45h	Self- Studies 135h	Course Language English			
2	Evaluation of t and incentive syAnalysis of rel specific designs	• Discussion of practical applications of economic engineering in matching markets, auctions and							
3	Students analyse curre write an acad discuss proble	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 L lecture practice								
5	Module Entry R	=							
6	Mode of End-O								
7	Prerequisites for Passing the mod	_							
8	Master of Science Supplete Master of Arts P Supplete Master of Science	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:							
9	Module Manage	Supplementary Section Sociology and Social Research Module Manager UnivProf. Dr. Axel Ockenfels							

10	Miscellaneous
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ориг ила	rket Design a			ı	ı	T		
Module Code 1289MSMDB3		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Economics of In	novation		Contact Hours 45h	Self- Studies 135h	Course Language English		
2	Core and currer Ideas and known competition i Innovation, pour lintellectual pr Mobility of inr Decision-make Artificial intell Empirical mode Potential outce	Module Content Core and current research in the field Economics of Innovation: • 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: • Potential outcomes, treatments, assignment mechanisms, and identification of causal effects • Difference-in-differences methods, methods using instrumental variables						
3	Students understand ad extend and us assess and e present and c are introduced	Propensity-score and matching methods, non- and semi-parametric models, machine learning Learning Objectives Students 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 Lecture practice	earning Meth	nods					
5	Methods in the I	on: CMs Econo M.Sc. Econom	metrics, Microeco	vanced Econor	metrics I and II,	s and AM Empirical Advanced Microeco		
6	Mode of End-O Written test: PO		mination					
7	Prerequisites for Passing the modern	_	of Credit Points on					
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:
9	Module Manager UnivProf. Dr. Susanne Prantl
10	Miscellaneous See the relevant online systems and www.ieam.uni-koeln.de for further information.

SpM Ma	rket Design aı	nd Behavi	our IV				
Module Co 1289MSMD		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - sum- mer 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	Contract Theory Principal-ager Moral hazard, Hold-up proble Incomplete co Auction Theory Auctions with nue equivalence	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 pro-					
3	Students understand ac analyse ques assess finding	Learning Objectives					
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R						
6	Mode of End-O Written test: WT		mination				
7		_	of Credit Points on in one of the co	ourses 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:						

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

Specialis	sation Module	Benavior	ai Economic	;S	T			
Module Code 1289SMBE00		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Behavioral Ecor	nomics		Contact Hours 60h	Self- Studies 120h	Course Language English		
2	Using the conce	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	Students understand be	Learning Objectives Students understand behavioural models and formal arguments apply advanced microeconomic concepts challenge arguments critically.						
4	Teaching and L lecture practice							
5	Module Entry R Recommended:	-	s in Microeconomi	cs				
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the write	_	of Credit Points					
8	Supple Master of Arts P Supple Master of Science	ce Business A mentary Section of the Politikwissenschape of the Politikwissenschape of the Politikwissenschape of the Politikwissenschape of Business A mentary Section of Economics of Eco	dministration - Su on Supply Chain Maft: on Political Science dministration - Fin on Finance Systems: on Information Systemics dministration - Co on Corporate Devention on Economics on and Social Resear on Sociology and al Management:	Management ee ance: stems rporate Develo elopment ch: Social Researc	pment:			
	Supple Master of Science Supple Master of Science	mentary Sections ce Internations mentary Sections ce Economic F	on Sociology and al Management: on International M	Social Researd	h			

9	Module Manager Fachbereich Mikroökonomik JunProf. Dr. Frederik Schwerter
10	Miscellaneous

Specialisa	ation Module	Topics in	Design and	Behavior A	A		
Module Code 1289SMTD01		Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term	
1	Courses Tools for Experi	ments in Econo	omics	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 R No recommenda	-					
6	Mode of End-O Written test: WT		nination				
7	Prerequisites for Passing the write	_	f Credit Points				
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 UnivProf. 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	180h 6 Language A		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 Conten Latest issues in nomics and app	institution and	- ·	lus methods ar	nd theories use	d in behavioural eco-	
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 L lecture practice	earning Meth	ods				
5	Module Entry R No recommenda	-					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the write	_	f Credit Points				
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 UnivProf. Dr. Axel Ockenfels UnivProf. Dr.' Bettina Rockenbach						
10	Miscellaneous Relevant reading	g will be annou	nced at the begin	ning of each te	rm.		

Specialisation Module Topics in Design and Behavior C							
Module Code 1289SMTD03		Workload 180h	ECTS Credits	Credits Module Language German and English Module Availab		Duration 1 Term	
1	Courses Topics in Design and Behavior C			Contact Hours 60h	Self- Studies 120h	Course Language German and English	
2	Module Conten Latest issues in nomics and app	institution and	- ·	lus methods ar	nd theories use	d in behavioural eco-	
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 L lecture practice	earning Meth	ods				
5	Module Entry R Recommendation	-	ıles Microeconom	nics			
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the write	_	f Credit Points				
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 UnivProf. Dr. Axel Ockenfels UnivProf. Dr. 'Bettina Rockenbach						
10	Miscellaneous Relevant reading will be announced at the beginning of each term.						

Specialis	sation Module	Topics in	Design and	Behavior	D			
Module Code 1289SMTD04		Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term		
1	Courses Topics in Design	n and Behavior	D	Contact Hours 60h	Self- Studies 120h	Course Language German and English		
2	Latest issues in	Module Content Latest issues in institution and market design, plus methods and theories used in behavioural economics and applied microeconomics.						
3	Students investigate cu methods and the examine and	Learning Objectives Students investigate current theoretical and applied issues in market and institution design with th 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 L lecture practice	earning Meth	ods					
5	Module Entry R	-						
6	Mode of End-O Written test: WT		nination					
7	Prerequisites for Passing the write	_	f Credit Points					
8	Master of Science Special Supple Master of Science	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	UnivProf. Dr. A	Module Manager UnivProf. Dr. Axel Ockenfels UnivProf. Dr. 6 Bettina Rockenbach						
10	Miscellaneous Relevant reading	Miscellaneous Relevant reading will be announced at the beginning of each term.						

			T	ī	T		
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 M Practice	arket Design: ⁻	Theory and	Contact Hours 45h	Self- Studies 135h	Course Language English	
2	Module Conten Matching Marke		n Design with and	without monet	ary transfers		
3	transfers analyse existi empirical analys	ading theoretions and mechanism			_	d without monetary s, experiments and	
4	Teaching and L lecture practice						
5	1	Module Entry Requirements Recommendation: Knowledge of game theory					
6		Mode of End-Of-Module Examination Combined examination: PRES, TP					
7	Prerequisites for Passing the mod	_					
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 Manage						

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

10 Miscellaneous

Spiwi iwar	kets and Eco	nomic Po	licy i	T		
Module Code 1302MSMEP1		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term
1	Courses Growth, Inequal	ity and Structu	ral Change	Contact Hours 45h	Self- Studies 135h	Course Language English
2	Automation, WMen, Robots,Sectorial CharTechnical Char	Growth the Direction of ork and Leisu and Artificial In nge (Deindustrange and Inequ	ntelligence rialisation, Service	s, Real Estate	, Rise of the Sta	ate)
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-O Written test: WT		mination			
7	Prerequisites for Awarding of Credit Points Passing the module examination					
8	Supple Master of Arts R Econor Master of Arts P Supple Master of Science Supple Master of Science Supple Master of Arts R Econor Master of Science	ce Economics ization Section mentary Section Master Roolitikwissenschen Business Amentary Section Information mentary Section Information Master Robert Economic Face Economic Face Economic Face Information Master Robert Economic Face Information Inc.	n Economics on on China - Volkswir egional Studies Cl haft: on Political Science dministration - Fin on Finance Systems: on Information System Ost- und Mittelet egional Studies Ea	nina ee ance: stems uropa - Volksw astern Europe	irtschaftslehre:	

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

	·						
SpM Mark	ets and Eco	nomic Pol	icy III				
Module Code 1302MSMEP3		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Development Ec	conomics		Contact Hours 45h	Self- Studies 135h	Course Language English	
2	Module Content 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 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 Manage UnivProf. Dr. E						
10	Miscellaneous						

SpM Mai	kets and Eco	nomic Pol	icy IV				
Module Code 1302MSMEP4		Workload 180h				Duration 1 Term	
1	Courses Macroeconomic	s of the Labou	r Market	Contact Hours 45h	Self- Studies 135h	Course Language English	
2	Theory of Sea The Search ar Structural Lab Labour Marke	t Dynamics: jol rch Unemploy nd Matching M our Market Pol ts and the Bus	odel of the Labou licy: Employment	r Market Protection and	Unemploymen	t Insurance	
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	Recommendation CM Microeconom	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-O Written test: WT		mination				
7	-	Prerequisites for Awarding of Credit Points Passing the module examination					
8	Supple Master of Arts R Econor Master of Arts P Supple Master of Science Supple Master of Science Supple Master of Arts R	ce Economics: ization Section mentary Section degionalstudien nics Master Resolitikwissensch mentary Section de Business Admentary Section de Information mentary Section degionalstudien nics Master Resolitics mics Master Resolition	n Economics on on China - Volkswir egional Studies Cl naft: on Political Science dministration - Fin on Finance Systems: on Information Sys on Ost- und Mitteler egional Studies Ea	nina e ance: stems uropa - Volkswi	rtschaftslehre:		

	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
9	Module Manager UnivProf. Michael Krause, Ph.D.
10	Miscellaneous

	ets and Eco	Hollic Pol	icy v				
Module Code 1302MSMEP5		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Determinants of	Growth in Eco	nomic History	Contact Hours 45h	Self- Studies 135h	Course Language English	
2	cially geography	the determina , institutions a	nd cultural factors	;	_	onomic history, espe- surrent economic de-	
3	Learning Objectives Students 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	Supple Master of Arts P Supple Master of Science Supple Master of Science Supple Master of Science	ce Economics: lization Section mentary Section colitikwissensch mentary Section ce Business Ac mentary Section ce Information mentary Section ce Economic Re	n Economics on naft: on Political Science dministration - Fin on Finance Systems: on Information Systesearch:	ance: stems			
	Supple	Supplementary Section Economic Research Module Manager UnivProf. Dr. Erik Hornung					
9	Module Manage	er	III Economic Nesc				

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	s and Institution	าร	Contact Hours 30h	Self- Studies 150h	Course Language English	
1	Module Content Current issues relating to microeconomic theory, empirical microeconomics, experimental economics, markets and institutions in general.						
	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.						
1	Teaching and Learning Methods seminar						
	Module Entry Requirements No recommendations						
1	Mode of End-Of-Module Examination Combined examination: PRES, TP						
1 1	Prerequisites for Awarding of Credit Points Passing the combined examination.						
	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Supplementary Section Master of Science International Management: Supplementary Section International Management						
	Module Manage UnivProf. Dr. Jo UnivProf. Dr. S	ohannes Müns					
10	Miscellaneous						

Module Code 1289SMCP00		Workload ECT 180h 6		Module Language English	Module Availability irregular	Duration 1 Term		
1	Courses Competition Poli	icy		Contact Hours 60h	Self- Studies 120h	Course Language English		
2	Institutional ba Market power: Unilateral abuses	 Module Content 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	Students recognise, ba discuss the ca assess, evalu	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 L 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	Supplet Master of Science Supplet Master of Arts P Supplet Master of Science Supplet Master of Science Supplet Master of Science Econom Master of Science Special Supplet Master of Arts R	ce Business A mentary Section Information mentary Section Information Mentary Section Information Mentary Section Information	dministration - Su on Supply Chain M Systems: on Information Systems: on Political Science dministration - Find on Finance dministration - Co on Corporate Device: in Economics on China - Volkswire egional Studies Clamathematik:	Management stems e ance: rporate Develo elopment tschaftslehre:				

	Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:
9	Module Manager UnivProf. Dr. Christoph Schottmüller
10	Miscellaneous

• Digital transfo • Political econo • Political econo • Political econo • Carriage Students • analyse curre • assess and di • critically evaluated • Caching and Lecture	s of media man enue structures rmation of media r ctives ent questions a iscuss findings	on media marke dia markets markets	Module Language English Contact Hours 60h	Module Availability every 2nd term - winter term Self- Studies 120h	Duration 1 Term Course Language English
Media Economic Module Content Characteristic Cost and reve Digital transfo Political econo earning Object Students analyse curre assess and di critically evalue reaching and Lecture	s of media man enue structures rmation of media r ctives ent questions a iscuss findings	on media marke dia markets markets	Hours 60h	Studies	
• Characteristics • Cost and reve • Digital transfo • Political econo • Political econo • Carning Object • C	s of media manue structures rmation of media romy of media rectives	on media marke dia markets markets	es		
Students analyse curre assess and d critically evalu Feaching and L ecture	ent questions a iscuss findings	nd challenges			
ecture		and research resocial development	-		
Teaching and Learning Methods lecture practice					
Module Entry Requirements None					
Mode of End-Of-Module Examination Written test: WT (60)					
Prerequisites for Awarding of Credit Points Passing the module examination					
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:					
	Supple laster of Arts F Supple laster of Scien Supple	Supplementary Section	Supplementary Section Supply Chain Master of Arts Politikwissenschaft: Supplementary Section Political Science Business Administration - Fire Supplementary Section Finance Buster of Science Information Systems: Supplementary Section Information Systems: Supplementary Section Information - Consupplementary Section Corporate Develocation Specialization Section Economics Supplementary Section Economics Supplementary Section Buster of Science International Management: Supplementary Section International Master of Science Business Administration - Master of Science Business Administration - Master of Science Economic Research: Supplementary Section Economic Research: Supplementary Section Economic Research:	Supplementary Section Supply Chain Management laster of Arts Politikwissenschaft: Supplementary Section Political Science laster of Science Business Administration - Finance: Supplementary Section Finance laster of Science Information Systems: Supplementary Section Information Systems laster of Science Business Administration - Corporate Develor Supplementary Section Corporate Development laster of Science Economics: Specialization Section Economics Supplementary Section laster of Science International Management: Supplementary Section International Management laster of Science Business Administration - Marketing: Supplementary Section Marketing laster of Science Economic Research: Supplementary Section Economic Research	Supplementary Section Supply Chain Management laster of Arts Politikwissenschaft: Supplementary Section Political Science laster of Science Business Administration - Finance: Supplementary Section Finance laster of Science Information Systems: Supplementary Section Information Systems laster of Science Business Administration - Corporate Development: Supplementary Section Corporate Development laster of Science Economics: Specialization Section Economics Supplementary Section laster of Science International Management: Supplementary Section International Management laster of Science Business Administration - Marketing: Supplementary Section Marketing laster of Science Economic Research:

	Supplementary Section Business Education
9	Module Manager UnivProf. Dr. Johannes Münster
10	Miscellaneous

CM Heal	Ith Economics	s III						
Module Co 1282MBHH		Workload 180h	ECTS Credits 6	Module Availability every 2nd term - winter term	Duration 1 Term			
1	Courses Information problems in healthcare markets Information problems in healthcare markets Contact Hours 5tudies 120h English							
2	Relevant playeRelationships	Module Content 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	Students analyse curre assess and di justify and det	Learning Objectives Students 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 L lecture practice							
5	Module Entry R	Requirements						
6		Mode of End-Of-Module Examination Written test: WT (60)						
7	Prerequisites for Passing the mod	_						
8	Master of Science Supplee Master of Arts P Supplee Master of Science Special Supplee Master of Science Core ar Master of Educa	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 Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education						
	Master of Science Supple		esearch: n Economic Rese	earch				

9	Module Manager UnivProf. Dr. Christoph Schottmüller
10	Miscellaneous

Speciali	sation module	e Topics in	Markets an	d Institutio	ns A			
Module Code 1302SMTM02		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term		
1	Courses Topics in Marke	ts and Institutio	ons A	Contact Hours 60h	Self- Studies 120h	Course Language English		
2	What is regula Institutional ba Natural monor Access to one Access to two Consumer pro	Module Content • 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	Students describe why analyse the p	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 L lecture practice							
5	Module Entry R	-						
6		Mode of End-Of-Module Examination Written test: WT (90)						
7	-	Prerequisites for Awarding of Credit Points Passing the written test.						
8	Master of Sciend Special Supple Master of Sciend	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	1	Module Manager UnivProf. Dr. Christoph Schottmüller						
10	Miscellaneous The courses will	be held weekl	y during term or i	n the form of bl	ock tuition.			

Specialis	ation Module	Topics in	Markets and	d Institutio	ns B			
Module Code 1302SMTM03		Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term		
1	Courses a) Topics in Mar b) Empirical Indu			Contact Hours a) 60h b) 60h	Self- Studies a) 120h b) 120h	Course Language a) English b) English		
2	Module Conten	strial economic elling, econom olicy and regula	etric methods and ation	d economic the	ory			
3	Students practise apply based on fundar mation of produc thereby gain a	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 L lecture practice							
5	Recommendation	Module Entry Requirements Recommendations: Core module Econometrics or Econometrics (Research Track), core module Microeconomics I or Microeconomics I (Research Track)						
6	Mode of End-O Written test: WT		nination					
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 UnivProf. Dr.' Susanne Prantl						
10	exercise units. In practise applying	n the latter, the g empirical met	students learn ho	ow to use statis ustrial economi	tical and econd cs. Additional i	ectures and integrated ometric software and nformation will be		

SpM Emp	irical Method	ds and Dat	ta Analysis I					
Module Code 1314MSEMD		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses a) Statistical Infe b) Topics in Eco		Statistics I	Contact Hours a) 45h b) 45h	Self- Studies a) 135h b) 135h	Course Language a) English b) English		
2	Foundations of Theory of point Theory of hypersections	Module Content • 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	Students	Learning Objectives Students understand advanced, specialised theories / methods.						
4	Teaching and Learning Methods lecture practice							
5	Module Entry R Recommendation	-	knowledge of prol	pability theory				
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the writter relates to the co	ten examinatio	n of one course.	A course is to b	e attended; the	written 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 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:							

	Master of Science Economic Research: Supplementary Section Economic Research 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
9	Module Manager UnivProf. Dr. Dominik Wied
10	Miscellaneous

		M	E070 0 I''.			5		
Module Code 1314MSEMD3		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses a) Time Series E b) Stochastic Mo c) Topics in Eco	odels and Prod		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	a)Time Series E ARMA Models State-Space M Models for No Multivariate Ti Non-Stationar b) Stochastic M Deepening top bootstrap nonparametric nonparametric Brownian moti Poisson proce	Module Content a)Time Series Econometrics: • ARMA Models • State-Space Models • Models for Non-Stationary Time Series • Multivariate Time Series Models • Non-Stationarity in Multivariate Time Series b) Stochastic Models and Processes: • Deepening topics in statistical inference • bootstrap • nonparametric density estimation • nonparametric tests (e.g. for independence) • Brownian motions • Poisson processes • Markov processes						
3	Students understand ac analyse curre	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						
4	Teaching and L lecture practice							
5	Module Entry R Recommendation	=	knowledge of pro	bability theory				
6		Mode of End-Of-Module Examination Written test: WT (90)						
7	Passing the writ	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:							

10	Miscellaneous
9	Module Manager UnivProf. Dr. Dominik Wied
9	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 Master of Science Economic Research Supplementary Section Economic Research Supplementary Section Economic Research Supplementary Section Economic Research 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: Module Manager
	Master of Science Economics:

SpM Emp	irical Metho	ds and Dat	a Analysis I	V			
Module Code 1314MSEMD4		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses a) Statistical Ana b) Topics in Eco			Contact Hours a) 45h b) 45h	Self- Studies a) 135h b) 135h	Course Language a) English b) English	
2	Module Content 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 L lecture practice	∟earning Meth	ods				
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-O Written test: WT		mination				
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:						

	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
9	Module Manager UnivProf. Dr. Roman Liesenfeld
10	Miscellaneous

SpM Emp	irical Method	ds and Dat	a Analysis \	1		
Module Code 1314MSEMD5		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer 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	c) Bayesian Econometrics b) 45h b) 135h c) English d) Topics in Econometrics and Statistics V c) 45h c) 135h d) English					analyse economic
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.					

4	Teaching and Learning Methods lecture practice
5	Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics
6	Mode of End-Of-Module Examination Oral examination: OE
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 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
9	Module Manager Dr. Bastian Gribisch
10	Miscellaneous

Specialisation Module Seminar Design and Behavior							
Module Code 1289SMSD00		Workload 180h	ECTS Credits	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 Conten Current issues i		vioural and expe	rimental econo	mics		
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 L seminar	_earning Meth	ods				
5	Module Entry R No recommenda						
6	Mode of End-O Combined exam						
7	Prerequisites for Passing the com	_					
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 UnivProf. Dr.' Bettina Rockenbach						
10	Miscellaneous Relevant reading	g will be annou	nced at the begir	ning of each te	erm.		

Module Code 1289MSMDB2		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term		
1	Courses Economic Engin	eering		Contact Hours 45h	Self- Studies 135h	Course Language English		
2	 Evaluation of the and incentive sy Analysis of religible specific designs 	• Discussion of practical applications of economic engineering in matching markets, auctions and						
3	Students analyse curre write an acad discuss proble	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 L lecture practice							
5	Module Entry R	-						
6	Mode of End-O Combined exam							
7	Prerequisites for Passing the mod	_						
8	Master of Science Supplee Master of Arts P Supplee Master of Science	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:						
9	Module Manage	•	on Sociology and	ouciai Keseard	ill			

10	Miscellaneous
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SpM Market Design and Behaviour IV								
Module Code 1289MSMDB4		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	1 '	Courses a) Auction Theory (WS) b) Contract Theory			Self- Studies a) 120h b) 135h	Course Language a) English b) German		
2	Contract Theory Principal-agen Moral hazard, Hold-up proble Incomplete co Auction Theory Auctions with nue equivalence	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 pro-						
3	Students understand ac analyse quest assess finding	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 L lecture practice	earning Meth	nods					
5	Module Entry R	=						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod		of Credit Points on in one of the c	ourses offered.				
8	Supple Master of Arts P Supple Master of Science Supple Master of Science Supple Master of Science	ce Business A mentary Section olitikwissenso mentary Section ce Business A mentary Section mentary Section ce Business A mentary Section	dministration - Su on Supply Chain Maft: on Political Science dministration - Fin on Finance Systems: on Information Systeministration - Co on Corporate Dev	Management ce nance: stems rporate Develo				

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

Specialis	sation Module	Benavior	ai Economic	;S	T			
Module Code 1289SMBE00		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Behavioral Ecor	nomics		Contact Hours 60h	Self- Studies 120h	Course Language English		
2	Using the conce	Module Content Using the concept of the homo economicus, the module presents behavioural theory concepts th 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	Students understand be	Learning Objectives Students understand behavioural models and formal arguments apply advanced microeconomic concepts challenge arguments critically.						
4	Teaching and L lecture practice							
5		Module Entry Requirements Recommended: Core modules in Microeconomics						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the write	_	of Credit Points					
8	Supple Master of Arts P Supple Master of Science	ce Business A mentary Section of the Politikwissenschapen	dministration - Su on Supply Chain Maft: on Political Science dministration - Fin on Finance Systems: on Information Systemsistration - Co on Corporate Devention on Economics on and Social Resear on Sociology and al Management:	Management ee ance: stems rporate Develo elopment ch: Social Researc	pment:			
	Supple Master of Science Supple Master of Science	mentary Sections ce Internations mentary Sections ce Economic F	on Sociology and al Management: on International M	Social Researd	h			

9	Module Manager Fachbereich Mikroökonomik JunProf. Dr. Frederik Schwerter
10	Miscellaneous

Specialisation Module Topics in Design and Behavior A								
Module Code 1289SMTD01		Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term		
1	Courses Tools for Experi	ments in Econo	omics	Contact Hours 60h	Self- Studies 120h	Course Language English		
2	Module Conten Latest issues in nomics and app	institution and	- ·	lus methods ar	nd theories use	d in behavioural eco-		
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 L lecture practice	earning Meth	ods					
5	Module Entry R No recommenda	-						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the write	_	f Credit Points					
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 UnivProf. Dr. Axel Ockenfels							
10	Miscellaneous Relevant reading	g will be annou	nced at the begin	ning of each te	rm.			

Specialisation Module Topics in Design and Behavior B							
Module Code 1289SMTD02		Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term	
1	Courses Topics in Design	n and Behavior	В	Contact Hours 60h	Self- Studies 120h	Course Language German and English	
2	Module Conten Latest issues in nomics and app	institution and	- ·	lus methods ar	nd theories use	d in behavioural eco-	
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 L lecture practice	earning Meth	ods				
5	Module Entry R No recommenda	-					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the write	_	f Credit Points				
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 Manage UnivProf. Dr. A UnivProf. Dr.' E	xel Ockenfels	bach				
10	Miscellaneous Relevant reading	g will be annou	nced at the begin	ning of each te	rm.		

Specialisation Module Topics in Design and Behavior C							
Module Code 1289SMTD03		Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term	
1	Courses Topics in Design	ı and Behavior	С	Contact Hours 60h	Self- Studies 120h	Course Language German and English	
2	Module Content Latest issues in nomics and app	institution and	- ·	lus methods ar	nd theories use	d in behavioural eco-	
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 L lecture practice	earning Meth	ods				
5	Module Entry R Recommendation	-	ıles Microeconom	nics			
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the write	_	f Credit Points				
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 UnivProf. Dr. Axel Ockenfels UnivProf. Dr. 6 Bettina Rockenbach						
10	Miscellaneous Relevant reading	g will be annou	nced at the begin	ning of each te	rm.		

Specialisation Module Topics in Design and Behavior D								
Module Code 1289SMTD04		Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term		
1	Courses Topics in Design	n and Behavior	D	Contact Hours 60h	Self- Studies 120h	Course Language German and English		
2	Module Conten Latest issues in nomics and appl	institution and		lus methods ar	nd theories use	d in behavioural eco-		
3	Students investigate cu methods and the examine and	Learning Objectives Students investigate current theoretical and applied issues in market and institution design with th 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 L lecture practice							
5	Module Entry R	-						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the write	_	f Credit Points					
8	Master of Science Special Supple Master of Science	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	UnivProf. Dr. A	Module Manager UnivProf. Dr. Axel Ockenfels UnivProf. Dr. 'Bettina Rockenbach						
10	Miscellaneous Relevant reading	g will be annou	nced at the begi	nning of each te	erm.			

Module Code 1289MSMMD1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term			
1	Courses Matching and M Practice	arket Design: `	Theory and	Contact Hours 45h	Self- Studies 135h	Course Language English			
2	Module Conten Matching Marke		n Design with and	without monet	ary transfers				
3	Students understand le transfers analyse existi empirical analys	understand leading theoretical models of mechanism market design with and without monetary							
4	Teaching and L 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 Passing the mod								
8	Master of Science Supplee Master of Arts P Supplee Master of Science	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: Supplementary Section Economic Research							
9	Module Manage		i Economic Rese	ai CI I					

10 Miscellaneous

Specialisa nomics	ation Module	Seminar i	in Energy, R	esource a	nd Environ	mental Eco-		
Module Code 1289SMSE00		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer 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: • 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 i a piece of written work, present the results in a seminar and discuss them with the other seminar participants.							
4	Teaching and L	earning Meth	ods					
5	Module Entry R	-						
6	Mode of End-O Combined exam							
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 UnivProf. Dr. Marc Oliver Bettzüge						
10	Miscellaneous							

Odivi Elli	ergy and Clim	ate Chang	e I					
Module Code 1289MEECC1		Workload ECTS Cred 180h 6		Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Energy Markets	and Regulatio	n	Contact Hours 45h	Self- Studies 135h	Course Language English		
2	Module Content							
3	Students understand a discuss scien cialists act responsib	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-) specialized.						
4	Teaching and L lecture practice							
5	Module Entry F	Module Entry Requirements none						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the modern	_						
8	Supple Master of Science Supple Master of Science Specia Master of Arts P Supple Master of Science Supple Master of Science	ce Business Admentary Section Ce Information Ce Economics: lization Section Colitikwissensolumentary Section Ce International Ce Economic February Section Ce Eco	dministration - Su on Supply Chain M Systems: on Information Systems on Economics on Political Science of Management: on International M	Management stems ee anagement	nagement:			
9	_	Module Manager UnivProf. Dr. Marc Oliver Bettzüge						
10	Miscellaneous	Miscellaneous						

SuM Ener	gy and Clim	ate Chang	e II					
Module Code 1289MEECC2		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Growth, Energy,	Climate Chan	ge	Contact Hours 60h	Self- Studies 120h	Course Language English		
2	mental impacts lespecially the la	eds light on the like climate cha ws of thermody economics, ca	inge. It starts with namics and their ipital theory, the r	an introduction relevance for e	n on natural sci economics. On	rowth, and environ- ence foundations, this basis, the course d economic growth,		
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 R	Module Entry Requirements none						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the modern	_						
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	iscellaneous						

SuM Energy and Climate Change III Module Code Workload ECTS Credits Module Module Duration 1289MEECC3 180h 6 Language Availability irregular 1 Term							
1289MEECC3 180h 6 Language Availability 1 Term							
Ligisii litegulai							
1 Courses Quantitative Methods in Energy Economics Contact Hours 30h Self- Studies 150h Course English	e Language						
Module Content Numerical approaches to energy market modelling Optimisation problems in energy economics Empirical methods in energy economics							
collect and analyse data material for selected scientific questions using quantitative methods.	Students learn how to apply quantitative methods for analysing problems in energy economics collect and analyse data material for selected scientific questions using quantitative / qualitative methods write an academic paper on a selected topic and achieve thereby their own scientific contribution present scientific results in a way that is appropriate for the target audience.						
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 Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Information Systems: Supplementary Section Information Systems Master of Science Economics: Specialization Section Economics Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Economic Research: Supplementary Section Economic Research	Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Information Systems: Supplementary Section Information Systems Master of Science Economics: Specialization Section Economics Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Economic Research:						
9 Module Manager UnivProf. Dr. Marc Oliver Bettzüge							
10 Miscellaneous							

SuM Ener	gy and Clim	ate Chang	e IV					
Module Code 1289MEECC4		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Model UNFCCC	- Climate Cha	nge Strategy	Contact Hours 45h	Self- Studies 135h	Course Language English		
2	Economics ofResource ecoFundamentalsEnvironmenta	Module Content • Economics of climate change • Resource economics • Fundamentals of energy economics • Environmental economics • Economics and politics of international climate change agreements						
3	Students analyse curre write an acad communicate justify and def	Learning Objectives Students 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 R None	Requirements						
6	Mode of End-O Written test: PO	f-Module Exar	mination					
7	Prerequisites for Passing the mod	_						
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management:							
9	_	Module Manager UnivProf. Dr. Marc Oliver Bettzüge						
10	Miscellaneous	liscellaneous						

-	Specialisation module Seminar in Growth, Labor and Inequality in the Global Economy								
	Module Code 1302SMSG00		ECTS Credits	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 Conten The content is b		r current issues a	nd methods us	ed in academid	c 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 conduct-ing 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 L seminar	earning Meth	ods						
5	Module Entry R No recommenda	-							
6	Mode of End-O Combined exam								
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 UnivProf. Dr. Peter Funk								
10	Miscellaneous								

Spiwi iwar	kets and Eco	nomic Po	licy i	T				
Module Code 1302MSMEP1		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Growth, Inequal	ity and Structu	ral Change	Contact Hours 45h	Self- Studies 135h	Course Language English		
2	Module Content 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	Students understand ac analyse curre	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 L lecture practice							
5	1	Module Entry Requirements Recommendation: CM Macroeconomics or CM Advanced Macroeconomics I						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod							
8	Supple Master of Arts R Econor Master of Arts P Supple Master of Science Supple Master of Science Supple Master of Arts R Econor Master of Science	ce Economics ization Section mentary Section Master Roolitikwissenschen Business Amentary Section Information mentary Section Information Master Robert Economic Face Economic Face Economic Face Information Master Robert Economic Face Information Inc.	n Economics on on China - Volkswir egional Studies Cl haft: on Political Science dministration - Fin on Finance Systems: on Information System Ost- und Mittelet egional Studies Ea	nina ee ance: stems uropa - Volksw astern Europe	irtschaftslehre:			

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

SpM Mark	ets and Eco	nomic Pol	icy III					
Module Code 1302MSMEP3		Workload 180h	ECTS Credits	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	Causes and co Risk and insur	development of develo		d on theoretical and empirical research nvestment in health, education, and wealth d policies				
3	Students assess and di collect and an methods justify and def	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 po-						
4	Teaching and L lecture practice							
5	•	Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration)						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the modern	_						
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 Manage UnivProf. Dr. E							
10	Miscellaneous							

SpM Mai	kets and Eco	nomic Pol	icy IV					
Module Code 1302MSMEP4		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Macroeconomic	s of the Labou	r Market	Contact Hours 45h	Self- Studies 135h	Course Language English		
2	Module Content 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	Students assess and di justify and dei discuss scient cialists.	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-) spe						
4	Teaching and L lecture practice							
5		on: CM Macroe mics (Business				CM Microeconomics o nics; CM Mathematics		
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod	_						
8	Supple Master of Arts R Econor Master of Arts P Supple Master of Science Supple Master of Science Supple Master of Arts R	ce Economics: ization Section mentary Section degionalstudien nics Master Resolitikwissensch mentary Section de Business Admentary Section de Information mentary Section degionalstudien nics Master Resolitics	n Economics on on on China - Volkswir egional Studies Cl naft: on Political Science dministration - Fin on Finance Systems: on Information Sys on Ost- und Mitteler egional Studies Ea	nina e ance: stems uropa - Volkswi	rtschaftslehre:			

	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
9	Module Manager UnivProf. Michael Krause, Ph.D.
10	Miscellaneous

-	ets and Eco	momic Poi	icy v				
Module Code 1302MSMEP		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Determinants of Growth in Economic History Contact Hours Studies 45h Course Language English 135h Course Language English						
2	 Introduction to cially geography 	Module Content 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	Students assess and di justify and de	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 po-					
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						
	Supple	Module Manager UnivProf. Dr. Erik Hornung					
9	Module Manag	er	III ECONOMIC Resi				

Speciali	sation module	e: Seminar	Markets and	d Institutio	ns				
Module Co 1302SMSI0		Workload 180h	ECTS Credits	Module Language English	Module Availability every term	Duration 1 Term			
1	Courses Seminar Market	Courses Seminar Markets and InstitutionsContact Hours 30hSelf- Studies 150hCourse Language English							
2	Current issues	Module Content Current issues relating to microeconomic theory, empirical microeconomics, experimental economics, markets and institutions in general.							
3	Students discuss the cu they have acqui read the theo summarise th ticipants.	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 par-							
4	Teaching and L	Teaching and Learning Methods seminar							
5		Module Entry Requirements No recommendations							
6	1	Mode of End-Of-Module Examination Combined examination: PRES, TP							
7		Prerequisites for Awarding of Credit Points Passing the combined examination.							
8	Master of Sciend Special Supple Master of Sciend	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	UnivProf. Dr. J	Module Manager UnivProf. Dr. Johannes Münster UnivProf. Dr. Susanne Prantl							
10	Miscellaneous								

flodule Co 289SMCP		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term		
1	Courses Competition Poli	icy		Contact Hours 60h	Self- Studies 120h	Course Language English		
2	Institutional ba Market power: Unilateral abuses	Module Content 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	Students recognise, ba discuss the ca assess, evalu	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 L 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	Supplet Master of Science Supplet Master of Arts P Supplet Master of Science Supplet Master of Science Supplet Master of Science Econom Master of Science Special Supplet Master of Arts R	ce Business A mentary Section Information mentary Section Information Mentary Section Information Mentary Section Information	dministration - Su on Supply Chain M Systems: on Information Systems: on Political Science dministration - Find on Finance dministration - Co on Corporate Device: in Economics on China - Volkswire egional Studies Clamathematik:	Management stems e ance: rporate Develo elopment tschaftslehre:				

	Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:
9	Module Manager UnivProf. Dr. Christoph Schottmüller
10	Miscellaneous

• Digital transfo • Political econo • Political	s of media man enue structures rmation of media r omy of media r ctives ent questions a iscuss findings uate current so	on media marke dia markets markets	sults of speciali					
Module Content Characteristice Cost and reve Digital transfo Political econo Learning Object Students analyse curre assess and di critically evalue Teaching and Lecture	s of media man enue structures rmation of media r omy of media r ctives ent questions a iscuss findings uate current so	on media marke dia markets markets nd challenges. s and research res	Hours 60h	Studies 120h	English			
Characteristics Cost and reve Digital transfo Political econd Cearning Object Students analyse curre assess and diacritically evaluation Critically evaluation Teaching and Lecture	s of media malenue structures rmation of media romy of media rectives ent questions a iscuss findings uate current so	on media marke dia markets markets nd challenges. s and research res	sults of speciali					
Students analyse curre assess and d critically evalu Feaching and L ecture	ent questions a iscuss findings uate current so	and research res	•					
ecture	_earning Meth		'					
		Teaching and Learning Methods lecture practice						
Module Entry Requirements None								
Mode of End-Of-Module Examination Written test: WT (60)								
Prerequisites for Awarding of Credit Points Passing the module examination								
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:								
	Supple laster of Arts F Supple laster of Scien Supple	Supplementary Section	Supplementary Section Supply Chain I laster of Arts Politikwissenschaft: Supplementary Section Political Science laster of Science Business Administration - Fir Supplementary Section Finance laster of Science Information Systems: Supplementary Section Information Systems: Supplementary Section Information - Consupplementary Section Corporate Devolution Supplementary Section Economics Supplementary Section Economics Supplementary Section International Management: Supplementary Section International Master of Science Business Administration - Master of Science Business Administration - Master of Science Economic Research: Supplementary Section Economic Research: Supplementary Section Economic Research:	Supplementary Section Supply Chain Management laster of Arts Politikwissenschaft: Supplementary Section Political Science laster of Science Business Administration - Finance: Supplementary Section Finance laster of Science Information Systems: Supplementary Section Information Systems laster of Science Business Administration - Corporate Develor Supplementary Section Corporate Development laster of Science Economics: Specialization Section Economics Supplementary Section laster of Science International Management: Supplementary Section International Management laster of Science Business Administration - Marketing: Supplementary Section Marketing laster of Science Economic Research: Supplementary Section Economic Research	Supplementary Section Supply Chain Management laster of Arts Politikwissenschaft: Supplementary Section Political Science laster of Science Business Administration - Finance: Supplementary Section Finance laster of Science Information Systems: Supplementary Section Information Systems laster of Science Business Administration - Corporate Development: Supplementary Section Corporate Development laster of Science Economics: Specialization Section Economics Supplementary Section laster of Science International Management: Supplementary Section International Management laster of Science Business Administration - Marketing: Supplementary Section Marketing laster of Science Economic Research:			

	Supplementary Section Business Education
9	Module Manager UnivProf. Dr. Johannes Münster
10	Miscellaneous

SpM Mark	et Design a	nd Behavio	our I			
Module Code 1289MSMDB ²		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 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 Manage UnivProf. Dr. C		tmüller			
10	Miscellaneous					

SpM Mar	ket Design aı	nd Behavio	our III					
Module Cod 1289MSMDE	_	Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Economics of InnovationContact Hours 45hSelf- Studies 135hCourse Language English							
2	Core and currer Ideas and known competition i Innovation, pr Intellectual pr Mobility of inr Decision-mak Artificial intell Empirical mode Potential outce	Module Content Core and current research in the field Economics of Innovation: 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: 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 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 L lecture practice	Teaching and Learning Methods lecture						
5	Recommendation Methods in the I	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 Passing the modern	_						
8	Supple Master of Arts P Supple Master of Science	ce Business Admentary Section of the control of the	dministration - Su on Supply Chain N naft: on Political Scienc dministration - Fin	Management ee	nagement:			

	Master of Science Information Systems:
9	Module Manager UnivProf. Dr. Susanne Prantl
10	Miscellaneous See the relevant online systems and www.ieam.uni-koeln.de for further information.

CM Hea	Ith Economics	s III						
Module Co 1282MBHH		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Information prob	Courses Information problems in healthcare markets Information problems in healthcare markets Contact Hours 60h Self- Studies 120h Course Language English						
2	Relevant playRelationships	Module Content 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	Students analyse curre assess and di justify and de	Learning Objectives Students 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 L lecture practice							
5	Module Entry R	Module Entry Requirements none						
6	1	Mode of End-Of-Module Examination Written test: WT (60)						
7		Prerequisites for Awarding of Credit Points Passing the module examination						
8	Master of Science Supple Master of Arts P Supple Master of Science Core an Master of Educa	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 Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education						
	Master of Science	ce Economic R						

,	9	Module Manager UnivProf. Dr. Christoph Schottmüller
1	10	Miscellaneous

Speciali	sation module	Topics in	Markets an	d Institutio	ns A				
Module Code 1302SMTM02		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term			
1	Courses Topics in Marke	ts and Institutio	ons A	Contact Hours 60h	Self- Studies 120h	Course Language English			
2	What is regula Institutional ba Natural monor Access to one Access to two Consumer pro	Module Content 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	analyse the p	certain industri ossibilities and	es are regulated. limitations of reg to real cases and	ulation.					
4	Teaching and L lecture practice	earning Meth	ods						
5	Module Entry R	-							
6	Mode of End-O Written test: WT		mination						
7	Prerequisites for Passing the write	_	f Credit Points						
8	Supple Master of Science	ce Economics: lization Section mentary Section ce Economic R	Economics n	earch					
9	Module Manago UnivProf. Dr. C		tmüller						
10	Miscellaneous The courses will	be held weekl	y during term or i	n the form of bl	ock tuition.				

Specialisation Module Topics in Markets and Institutions B										
Module Coo 1302SMTM0	_	Workload 180h	ECTS Credits	Module Availability irregular	Duration 1 Term					
1	Courses a) Topics in Markets and Institutions B b) Empirical Industrial Organization (Research Track) Contact Hours Studies a) 60h b) 60h b) 120h Course Lar a) English b) English									
2	Empirical indu Empirical mod Competition p	Module Content • Empirical industrial economics • Empirical modelling, econometric methods and economic theory • Competition policy and regulation • Use of statistical and econometric software								
3	Students practise apply based on fundar mation of production thereby gain a	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 L lecture practice									
5		ns: Core modu	ıle Econometrics iomics I (Researd		es (Research Ti	rack), core module				
6	Mode of End-O Written test: WT		nination							
7	Prerequisites for Passing the writt only one course	ten test. Only c		pe attended; the	e examination r	efers to the topic of				
8	Master of Sciend Special Supple Master of Sciend	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 Manage UnivProf. Dr. S									
10	exercise units. In	UnivProf. Dr. Susanne Prantl								

SpM Mar	rket Design aı	nd Mechan	ism Design						
Module Coo 1289MSMM		Workload 180h	ECTS Credits	Module Availability every 2nd term - winter term	Duration 1 Term				
1	Courses Matching and M Practice	Matching and Market Design: Theory and Hours Studies English							
2	Module Conten Matching Marke		n Design with and	without monet	ary transfers				
3	Students understand le transfers analyse existi empirical analys	Learning Objectives Students understand leading theoretical models of mechanism market design with and without monetary							
4	Teaching and L lecture practice								
5	1	Module Entry Requirements Recommendation: Knowledge of game theory							
6		Mode of End-Of-Module Examination Combined examination: PRES, TP							
7	Prerequisites for Passing the mod								
8	Supple Master of Arts P Supple Master of Science	ce Business Ac mentary Section colitikwissensch mentary Section ce Business Ac mentary Section ce Information mentary Section ce Business Ac mentary Section ce Economics: lization Section mentary Section ce Sociology at mentary Section ce Economic R	Iministration - Sup in Supply Chain In laft: in Political Science Iministration - Fin in Finance Systems: in Information Systeministration - Con in Corporate Devel Economics in Information - Con in Corporate Devel In Economics in Information - Con in Corporate Devel	Management e ance: stems rporate Developelopment ch: Social Researc	pment:				
9	Module Manage UnivProf. Dr. A	er		a. O.11					

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Specialisa	Specialisation Module Seminar in Macroeconomics and Public Policy										
Module Code 1302SMPP01											
1	Courses Seminar in Macr	Courses Seminar in Macroeconomics and Public PolicyContact Hours 30hSelf- Studies 150hCourse Language English									
2	Module Conten The content is b		imental or current	issues and co	vers academic	work methods.					
3	Students acquire the sk conomics and P independently public policy apply the thec critically study summarise th seminar participa	acquire the skills needed for jobs requiring independent conceptual work in the field of "Macroe-conomics and Public Policy" independently investigate current issues in research and applied practice in macroeconomics and									
4	Teaching and L seminar	earning Meth	ods								
5	Module Entry R	Requirements									
6	Mode of End-O										
7	Prerequisites for Passing the com	_									
8	Master of Science Special Master of Science	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Master of Science International Management: Supplementary Section International Management									
9	Module Manage UnivProf. Dr. A		ert								
10	Miscellaneous										

SpM Mar	kets and Eco	nomic Pol	icy II							
Module Cod 1302MSMEF	-	Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term				
1	Courses Money and Fina	ncial Markets		Contact Hours 45h	Self- Studies 135h	Course Language English				
2	Empirical Evid Transaction fri Financial inter Monetary polic Financial cont Financial acce	Module Content • 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	financial markets analyse curre markets assess and di justify and det	dvanced, speci s. nt questions and scuss findings fend (independ		he area of mor sults of specializ positions or pro	netary theory, p zed theories / n oblem solutions	S.				
4	Teaching and L lecture practice	earning Meth	ods							
5	Module Entry R Recommendation	•	conomics or CM	Advanced Mac	roeconomics					
6	Mode of End-O Written test: WT		mination							
7	Prerequisites for Passing the mod	_								
8	Master of Sciend Special Master of Sciend Supple Master of Sciend	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 Manage UnivProf. Dr. A		ert							
10	Miscellaneous	Miscellaneous								

SpM Marl	ket Design aı	nd Behavi	our V						
Module Code 1289MSMDB5		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term			
1	Courses Corporate Taxat	ion		Contact Hours 45h	Self- Studies 135h	Course Language English			
2	Tax competition Digitisation an Reform option Cash flow bas Carbon pricing	Module Content 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	can analyse r develop a cor trade policy and learn to comn learn to comn engage in a d analyse public assess currer	ne implications eform options aceptual frame environmenta nunicate about nunicate about iscourse abou c policy taking at tax policy de		tion. ugh the interde esearch to an act esearch to non- or policy design I, ecological and ed solutions.	pendencies of o cademic audier academic audie d social concer	corporate taxation, nce. ence. ns.			
4	Teaching and L lecture practice	earning Meth	ods						
5	Module Entry R	-	conomics or CM N	/licroeconomics	s (Business Adr	ministration)			
6	Mode of End-O Written test: WT		mination						
7	Prerequisites for Passing the modern	_							
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 Manage UnivProf. Dr. F		r						
-	<u> </u>	Miscellaneous							

Module Code 1302MSAPE1									
		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term			
	Courses Advanced Public	c Economics		Contact Hours 45h	Self- Studies 135h	Course Language English			
2	 Optimum excis Optimal combis Taxation of ca Corporate taxa Political econo Sufficient stati Perturbation m 	Iodule Content 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							
	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.								
	Teaching and L lecture practice	earning Meth	ods						
		n: basic knowl	edge of differentian, knowledge of ga	-	imisation proble	ems with constraints,			
-	Mode of End-O Written test: PO		nination						
l l	Prerequisites for Passing the modern	•							
	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								
	Master of Science	ce Business Ac		-	axation:				
9	Master of Science	ce Business Ac mentary Section	n Accounting and	-	axation:				

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SpM Mark	ets and Eco	nomic Pol	icy III							
Module Code 1302MSMEP3		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term				
1	Courses Development Ec	conomics		Contact Hours 45h	Self- Studies 135h	Course Language English				
2	Introduction toCauses and coRisk and insur	Module Content 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	Students assess and di collect and an methods justify and def	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 po-								
4	Teaching and L lecture practice									
5	Module Entry R Recommendation	•	netrics or CM App	lied Econometi	rics (Business /	Administration)				
6	Mode of End-O Written test: WT		mination							
7	Prerequisites for Passing the modern	_								
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 Manage UnivProf. Dr. E									
10	Miscellaneous									

Specialisation Module Foundations in Macroeconomics and Public Policy B										
Module Code 1302FMPP02		Module Language English	Module Availability irregular	Duration 1 Term						
1	Courses Financial Intermediation Theory and Financial Regulation Contact Hours Studies German and English 60h 120h									
2	Public Policy Financial Mark Banks as Fina Bank Competi Financial Frag Banking Crise	recent and advanced topics in the field of Macroeconomics, Money and Financial Markets and								
3	Students know the emp Policy understand ed explain empir	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								
4	Teaching and L lecture practice	earning Meth	ods							
5	Module Entry R	Requirements								
6	Mode of End-O Written test: WT		mination							
7	Prerequisites for Passing the write	_	f Credit Points							
8	Master of Science Special Master of Science	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics Master of Science Economic Research: Supplementary Section Economic Research								
9	Module Manage UnivProf. Dr. A		ert							
10	Miscellaneous									

Specialisation Module Topics in Macroeconomics and Public Policy										
Module Co 1302TMPP		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term				
1	Courses Tax Policy			Contact Hours 60h	Self- Studies 120h	Course Language English				
2	Optimal taxatiOptimal tax stOptimal tax poNew dynamicPolitical econd	Module Content 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	policy issues.	current researd	mics principles of	•	•	cations for current tax				
4	Teaching and L lecture practice	earning Meth	ods							
5	Module Entry R	Requirements								
6	Mode of End-O Written test: WT		mination							
7	Prerequisites for Passing the write	_	f Credit Points							
8	Master of Sciend Special Supple Master of Sciend	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 Manage UnivProf. Dr. A		ert							
10	Miscellaneous									

SpM Emp	irical Method	ds and Dat	ta Analysis I			
Module Code 1314MSEMD1		Workload 180h	ECTS Credits	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 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 R Recommendation	-	knowledge of prol	pability theory		
6	Mode of End-O Written test: WT		mination			
7	Prerequisites for Passing the writter relates to the co	ten examinatio	n of one course.	A course is to b	e attended; the	written examination
8	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management:					

	Master of Science Economic Research: Supplementary Section Economic Research 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
9	Module Manager UnivProf. Dr. Dominik Wied
10	Miscellaneous

SpM Em	pirical Metho	ds and Dat	ta Analysis I	II			
Module Code 1314MSEMD3		Workload 180h ECTS Cr 6	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	b) Stochastic Mo	Courses a) Time Series Econometrics b) Stochastic Models and Processes c) Topics in Econometrics and Statistics III			Self- Studies a) 135h b) 135h c) 135h	Course Language a) English b) English c) English	
2	Module Content a)Time Series E • ARMA Models • State-Space M • Models for No • Multivariate Ti • Non-Stationar b) Stochastic M • Deepening top • bootstrap • nonparametric • nonparametric • Brownian mot • Poisson proce • Markov proces	Econometrics: Models n-Stationary T me Series Models ity in Multivariat odels and Products in statisticate density estimates tests (e.g. for ions esses esses	dels te Time Series cesses: al inference				
3	Students understand ac analyse curre	understand advanced, specialized theories / methods analyse current questions and challenges collect and analyse data material for selected scientific questions using quantitative / qualitative					
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R	-	knowledge of pro	bability theory			
6	I	Mode of End-Of-Module Examination Written test: WT (90)					
7	Passing the writ	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		ce Business A	the Module dministration - Su Section Supply Ch	· · ·	-		

	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
	Master of Science Economic Research:
	Specialization Section Economic Research
	Supplementary Section Economic Research
	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
9	Module Manager
	UnivProf. Dr. Dominik Wied
10	Miscellaneous

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SpM Emp	irical Metho	ds and Dat	a Analysis I	V		
Module Code 1314MSEMD4		Workload 180h	ECTS Credits	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 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 L lecture practice	∟earning Meth	ods			
5		on: Solid knowle	edge of statistical			M Econometrics or CM
6	Mode of End-O Written test: WT		mination			
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:					

	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
9	Module Manager UnivProf. Dr. Roman Liesenfeld
10	Miscellaneous

SpM Emp	irical Method	ds and Dat	a Analysis \	1		
Module Code 1314MSEMD5		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer 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	d) Topics in Econometrics and Statistics V c) 45h c) 135h d) English					
3	Applications in business administration, management studies and economics and social sciences 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.					

4	Teaching and Learning Methods lecture practice
5	Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics
6	Mode of End-Of-Module Examination Oral examination: OE
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 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
9	Module Manager Dr. Bastian Gribisch
10	Miscellaneous

Specialis	sation Module	Seminar	Statistics an	d Economi	etrics		
Module Code 1314SMSS00		Workload 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Seminar in Stati	Courses Seminar in Statistics and Econometrics			Self- Studies 150h	Course Language German and English	
2	The seminar co Time series ar Microeconome Macreconome Panel econom Financial mark Bayesian ecor Non-parametr Analysis of sto	Module Content The seminar covers topics from areas such as: • Time series analysis • Microeconometrics • Macreconometrics • Panel econometrics • Financial market econometrics and statistics • Bayesian econometrics and statistics • Non-parametric methods • Analysis of stochastic processes • Statistical inference					
3	Students analyse speci critically asse apply contem data.	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					
4	Teaching and L	earning Meth	ods				
5	 	Core module I	Econometrics I an	-		lvanced Statistics	
6	Mode of End-O Combined exam						
7	Prerequisites for Passing the com	_					
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:						

	Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation
9	Module Manager UnivProf. Dr. Jörg Breitung UnivProf. Dr. Roman Liesenfeld UnivProf. Dr. Dominik Wied
10	Miscellaneous

Studies	Abroad in Eco	onomics (I	Master)				
Module Code 1014SAEc00		Workload 540h	ECTS Credits 18	Module Language	Module Availability every term	Duration 1 Term	
1	Courses	Courses			Self- Studies	Course Language	
2	Module Content						
3	Students describe appr explain intern discuss and c describe appr national perspec explain intern ence discuss and c and social scien	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 sciences.					
4	Teaching and L		ods				
5	Module Entry F		on chosen course				
6	Mode of End-O						
7	Prerequisites for Depends on cho	_	of Credit Points				
8	Master of Scien	Other Programmes that Use the Module Master of Science Economics: Specialization Section Economics					
9	Module Manag	er					
10	can be studied a procedure for su obtained from th https://www.anro school organise	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 stand-ardised 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.					

3.6.3 Supplementary Section

SpM Tax	xation I							
Module Code 1016MSTAX1		Workload 180h	ECTS Credits	Module Availability every 2nd term - winter term	Duration 1 Term			
1	Courses Taxation of Com	ses tion of Companies I			Self- Studies 135h	Course Language German		
2	Business taxa Taxation of dif Choice of lega International bases.	Module Content 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 L lecture practice	1						
5	Module Entry R	Requirements						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the modern	_	of Credit Points					
8	Master of Scient Supple Master of Scient Supple Master of Scient Supple Master of Scient Supple Master of Educa Supple Master of Scient	mentary Sections Business A mentary Sections Information Mentary Sections Business Amentary Sections Business Amentary Section Wirtschaft mentary Sections Business Amentary Sections Business Business Amentary Sections Business Amentary Sections Business B	on dministration - Fir on Finance Systems: on Information Sy dministration - Ma	stems rketing: rporate Develo elopment amt an Berufsl ation counting and T	collegs:			

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

SpM Taxation II							
Module Code 1016MSTAX2		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Taxation of Con	npanies II		Contact Hours 45h	Self- Studies 135h	Course Language German	
2	Corporate taxTax planningTax planning	Module Content 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	Students understand a analyse curre assess and d justify and de	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 act responsibly considering ecological, social and ethical criteria.					
4	Teaching and I lecture practice						
5	Module Entry F	-					
6	Mode of End-O Written test: WT		mination				
7		Prerequisites for Awarding of Credit Points Passing the module examination					
8	Master of Scien Supple Master of Scien Supple Master of Scien Supple Master of Scien Supple Master of Educa Supple Master of Scien Supple Master of Scien Supple Master of Scien Specia Supple	ce Economics mentary Secti ce Business A mentary Secti ation Wirtschaft mentary Secti ce Business A lization Sectio mentary Secti mentary Secti ce Business A lization Sectio mentary Secti	: on dministration - Fir on Finance Systems: on Information Sy dministration - Ma	stems irketing: rporate Develo elopment amt an Berufsl ation counting and T Taxation d Taxation	collegs: axation:		

9	Module Manager UnivProf. Dr. Michael Overesch
10	Miscellaneous

SpM Co	ntrolling I					
Module Code 1016MSCON1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Operative Contr	Courses Operative Controlling (1. Term)			Self- Studies 135h	Course Language English
2	Fundamentals Theory, strate	Module Content • Fundamentals of controlling • Theory, strategies and methods to support controlling activities • Controlling instruments				
3	Students understand ac communicate discuss scien cialists.	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-) spe				
4	Teaching and L lecture practice					
5	1	Module Entry Requirements Recommendation: Basic knowledge of internal and external accounting, investment, financing and decision theory				
6	Mode of End-O Written test: WT		mination			
7		Prerequisites for Awarding of Credit Points Passing the module examination				
8	Supple Master of Science Supple	ce Business Amentary Section Business Amentary Section Business Amentary Section Economics: mentary Section Business Amentary Business Ame	dministration - Su on Supply Chain Madministration - Ma on Marketing dministration - Co on Corporate Dev on sökonomie: on Health Economal Management: on International Madministration - Fin on Finance	Management rketing: rporate Develoelopment nics anagement ance:	opment:	

	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
9	Module Manager UnivProf. Dr. Carsten Homburg
10	Miscellaneous This course ends in the middle of the semester (1. term). The exam is offered at the end of the course.

SpM Con	ntrolling II					
Module Code 1016MSCON2		Workload ECTS Credit 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 Introduction to strategic controlling Conventional cost management instruments More recent cost management instruments Benchmarking					
3	Students understand a communicate discuss scien cialists.	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-) spe				
4	Teaching and L lecture practice					
5	1	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	Supple Master of Scient	ce Business Admentary Section ce Business Admentary Section ce Economics: mentary Section ce Gesundheit mentary Section ce International mentary Section ce Business Admentary Section ce Business Admentary Section ce Information ce Information ce Information	dministration - Su on Supply Chain Madministration - Ma on Marketing dministration - Co on Corporate Dev on Health Econom I Management: on International Madministration - Fin on Finance Systems:	Management rketing: rporate Develoelopment nics anagement ance:	-	
		-	on Information Sys spädagogik/Lehra		collegs:	

	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
9	Module Manager UnivProf. Dr. Carsten Homburg
10	Miscellaneous This course starts in the middle of the semester (2. term). The exam is offered at the end of the course.

Workload 180h	ECTS Credits			
	6	Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term
Courses Sustainability Reporting			Self- Studies 135h	Course Language German
Module Content 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				
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.				
Teaching and Learning Methods lecture practice				
Module Entry Requirements none				
Mode of End-Of-Module Examination Written test: WT (60)				
ites for Awarding e module examina				
Science Business Aupplementary Sect Science Informatik: nwendungsfeld	Administration - Su ion Supply Chain Madministration - Ma ion Marketing Administration - Fin ion Finance in Systems: ion Information Systems - Co ion Corporate Dev	Management urketing: nance: stems rporate Develo	Š	
Supplementary Section Information Systems Master of Science Business Administration - Corporate I Supplementary Section Corporate Development Master of Science Informatik: Anwendungsfeld Master of Science Geographie: Wahlpflichtfach Management & Social Science				Science Business Administration - Corporate Development: upplementary Section Corporate Development Science Informatik: unwendungsfeld Science Geographie:

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

SpM Ac	counting II					
Module Code 1016MSACC2		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - sum- mer term	Duration 1 Term
1	Courses International Ac	counting		Contact Hours 45h	Self- Studies 135h	Course Language German
2	Theoretical as IASB-Framew Recognition a	Module Content 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	Students understand a analyse curre gain confiden respect to recog acquire know solve new pro in the module.	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				
4	Teaching and L lecture practice					
5	Module Entry F	Requirements				
6	1	Mode of End-Of-Module Examination Written test: WT (60)				
7		Prerequisites for Awarding of Credit Points Passing the module examination				
8	Master of Scient Supple Master of Scient Supple Master of Scient Supple Master of Scient Supple Master of Educa Supple Master of Scient Supple Master of Scient Supple Master of Scient Specia	mentary Sections Business A mentary Sections Business A mentary Sections Business A mentary Sections Business A mentary Section Wirtschaft mentary Sections Business A mentary Sections Business A lization Sections Sections	on dministration - Fin on Finance Systems: on Information Sys dministration - Ma	stems rketing: rporate Develo elopment amt an Berufsk ation counting and Ta	ollegs:	

	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 Sele	cted Issues	in Accoun	ting & Taxat	ion I		
Module Code 1016MSSIS1		Workload 180h ECTS Credits 6		Module Language German and English	Module Availability every 2nd term - sum- mer 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		accounting, finar	ncial accountino	յ, auditing or bւ	usiness 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 L	_earning Meth	ods			
5	Module Entry R	Requirements				
6	Mode of End-O Written test: PO		nination			
7	Prerequisites for Passing the model lectures.			nust be taken.	The exam cove	ers the content of two
8	Supple Master of Science Supple	ce Business Admentary Section ce Business Admentary Section ce Economics: mentary Section ce International mentary Section ce Business Admentary Section ce Business Admentary Section ce Information mentary Section ce Information ce Informa	Iministration - Suport Supply Chain Management: In Management: In Internation - Finance In Finance	Management rketing: rporate Developelopment anagement ance:	oment:	

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

SpM Sele	cted Issues	in Account	ting & Taxat	ion II		
Module Code 1016MSSIS2	Module Code 1016MSSIS2		ECTS Credits	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 L	earning Meth	ods			
5	Module Entry R None	Requirements				
6	Mode of End-O Written test: PO		mination			
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 Manage Area Accounting					
10	Miscellaneous					

SpM Ad	vanced Accoι	ınting					
Module Code 1016MSAAC1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Value-based Co	Courses Value-based Controlling			Self- Studies 135h	Course Language English	
2	Basics of valu Characteristic Effect of capit Shareholder v Discounted ca Value-based i Working capit Risk measure	Module Content 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					
3	Students understand ac analyse curre collect, syster justify and de discuss scien cialists act responsib	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-) spe					
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R	•	ledge of internal a	and external ac	counting, inves	tment and financing	
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the modern						
8	Supple Master of Science Supple Master of Science Supple Master of Science	ce Business Amentary Section ce Business Amentary Section ce Business Amentary Section ce Economics: mentary Section ce Economics:	dministration - Su on Supply Chain M dministration - Ma on Marketing dministration - Co on Corporate Dev	Management rketing: rporate Develo			

	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
	Master of Science Business Administration - Marketing:
	Specialization Section Marketing
	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
9	Module Manager
	UnivProf. Dr. Carsten Homburg
10	Miscellaneous

SpM Coi	ntrolling I							
Module Code 1016MSCON1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Operative Contr	olling (1. Term)	Contact Hours 45h	Self- Studies 135h	Course Language English		
2	• Fundamentals • Theory, strate	Module Content Fundamentals of controlling Theory, strategies and methods to support controlling activities Controlling instruments						
3	Students understand ac communicate discuss scien cialists.	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-) spe						
4	Teaching and L lecture practice							
5	Module Entry R Recommendation decision theory	-	ledge of internal a	and external ac	ccounting, inves	tment, financing and		
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the modern		of Credit Points					
8	Supple Master of Science	ce Business Amentary Section Business Amentary Section Business Amentary Section Economics: mentary Section Business Amentary Bu	dministration - Su on Supply Chain Madministration - Ma on Marketing dministration - Co on Corporate Dev on sökonomie: on Health Economal Management: on International Madministration - Fin on Finance	Management rketing: rporate Development nics anagement ance:	opment:			

	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
9	Module Manager UnivProf. Dr. Carsten Homburg
10	Miscellaneous This course ends in the middle of the semester (1. term). The exam is offered at the end of the course.

SpM Co	ntrolling II								
Module Code 1016MSCON2		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term			
1	Courses Strategic Contro	olling (2. Term)		Contact Hours 45h	Self- Studies 135h	Course Language English			
2	Introduction to Conventional More recent conventional	Module Content Introduction to strategic controlling Conventional cost management instruments More recent cost management instruments Benchmarking							
3	Students understand a communicate discuss scien cialists.	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-) sp							
4	Teaching and I lecture practice								
5	Module Entry F Recommendation decision theory	-	ledge of internal ຄ	and external ac	counting, inves	tment, financing and			
6	Mode of End-O Written test: WT		mination						
7	Prerequisites f	_							
8	Supple Master of Scient	ce Business Admentary Section ce Business Admentary Section ce Economics: mentary Section ce Gesundheit mentary Section ce International mentary Section ce Business Admentary Section ce Business Admentary Section ce Information ce Information ce Information	dministration - Su on Supply Chain Manistration - Ma on Marketing dministration - Co on Corporate Dev on Sökonomie: on Health Econom I Management: on International Manistration - Fin on Finance	Management Irketing: Irporate Develo elopment Inics Inics Inicanagement Inice:	-				
		-			collegs:	Systems ehramt 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
9	Module Manager UnivProf. Dr. Carsten Homburg
10	Miscellaneous This course starts in the middle of the semester (2. term). The exam is offered at the end of the course.

SpM Ad	vanced Accoι	ınting					
Module Code 1016MSAAC1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Value-based Co	Courses Value-based Controlling			Self- Studies 135h	Course Language English	
2	Basics of valu Characteristic Effect of capit Shareholder v Discounted ca Value-based i Working capit Risk measure	Module Content 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					
3	Students understand ac analyse curre collect, syster justify and de discuss scien cialists act responsib	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-) spe					
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R	•	ledge of internal a	and external ac	counting, inves	tment and financing	
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the modern						
8	Supple Master of Science Supple Master of Science Supple Master of Science	ce Business Amentary Section ce Business Amentary Section ce Business Amentary Section ce Economics: mentary Section ce Economics:	dministration - Su on Supply Chain M dministration - Ma on Marketing dministration - Co on Corporate Dev	Management rketing: rporate Develo			

	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
	Master of Science Business Administration - Marketing:
	Specialization Section Marketing
	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
9	Module Manager
	UnivProf. Dr. Carsten Homburg
10	Miscellaneous

SpM Sele	cted Issues	in Accoun	ting & Taxat	ion I		
Module Code 1016MSSIS1		Workload 180h ECTS Credits 6		Module Language German and English	Module Availability every 2nd term - sum- mer 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		accounting, finar	ncial accountino	յ, auditing or bւ	usiness 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 L	_earning Meth	ods			
5	Module Entry R	Requirements				
6	Mode of End-O Written test: PO		nination			
7	Prerequisites for Passing the model lectures.			nust be taken.	The exam cove	ers the content of two
8	Supple Master of Science Supple	ce Business Admentary Section ce Business Admentary Section ce Economics: mentary Section ce International mentary Section ce Business Admentary Section ce Business Admentary Section ce Information mentary Section ce Information ce Informa	Iministration - Suport Supply Chain Management: In Management: In Internation - Finance In Finance	Management rketing: rporate Developelopment anagement ance:	oment:	

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

SpM Sele	cted Issues	in Account	ting & Taxat	ion II			
Module Code 1016MSSIS2		Workload 180h	ECTS Credits	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 Conten Selected Issues business taxatio	in managerial	accounting, finar	ncial accountinç	រ, auditing , bus	siness valuation or	
3	Students understand ad analyse curre assess and di justify and dei discuss topics	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 L	earning Meth	ods				
5	Module Entry R None	Requirements					
6	Mode of End-O Written test: PO		mination				
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 Manage Area Accounting						
10	Miscellaneous						

	-		l					
Module Code 1259SMFi07		Workload 180h	6	Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Rechnungslegui nehmen nach H	-	erungsunter-	Contact Hours 30h	Self- Studies 60h	Course Language German		
2	Accounting sySources of lawHGB, IAS/IFR	Module Content • Accounting systems • Sources of law • HGB, IAS/IFRS accounting methods • Full fair value accounting						
3	Students analyse insur value claims i explore the in	Learning Objectives Students 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 L lecture practice							
5	Module Entry R							
6	Mode of End-O Written test: WT		mination					
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 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 Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics Master of Science Business Administration - Finance:							
	Special	Science Business Administration - Finance: Specialization Section Finance Supplementary Section Finance						

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

SpM Bus	siness Ethics						
Module Code 1253MSBET1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Managing Busin Organisations	ess Ethics in N	Markets and	Contact Hours 60h	Self- Studies 120h	Course Language English	
2	This module int managers and e ethics and fairne evaluated in the	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 an evaluated in the light of these foundations. Case studies are employed to illustrate and apply the theoretical concepts.					
3	Students understand ac analyse curre assess and d solve team-in justify and de evaluate their tentials act responsib	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 po-					
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R	Requirements					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the modern	_					
8	Supple Master of Science	ce Business Admentary Section ce Information mentary Section ce Business Admentary Section ce Business Admentary Section ce Economics: mentary Section ce Gesundheits mentary Section ce Information ce Informat	dministration - Supon Supply Chain Management on Information Systems: Information - Management of Marketing Information - Accounting and Information - Accounting and Information - Management on Health Economies	Management stems rketing: counting and Ta			

	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:
9	Business Administration Master Regional Studies China Module Manager UnivProf. Dr. Bernd Irlenbusch
10	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.

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SpM Strat	tegic Human	Resource	Managemei	nt			
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	n Resource Ma	nagement	Contact Hours 60h	Self- Studies 120h	Course Language English	
2	Module Conten The module tea to the implemen	ches how Hum		nagement crea	tes economic v	value and contributes	
3	analyse curre communicate solve team-in justify and de act responsib	dvanced, speci int questions ar continuously a ternal conflicts fend (independ ly considering e	alized theories / r nd challenges. nd purposefully in and target diverg ently developed) ecological, social real problems and	n diverse teams ences independ positions or pro and ethical crit	dently. oblem solutions	s.	
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R	Requirements					
6	Mode of End-O Combined exam						
7	Prerequisites for Passing the modern						
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						

	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
9	Module Manager UnivProf. Dr. Dirk Sliwka
10	Miscellaneous

SpM Str	ategic Manage	ement					
Module Code 1253MSSMG1		Workload 180h	ECTS Credits	Module Language English	Duration 1 Term		
1	Courses Strategic Manag	gement (1. Terr	m)	Contact Hours 60h	Self- Studies 120h	Course Language English	
2	Fundamentals Basic concept Basic concept	Module Content 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	Students analyse curre assess and di collect and ar methods communicate solve team-in justify and de present scien evaluate their tentials act responsib	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 po-					
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R	Requirements					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the modern	_					
8	Passing the module examination 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:
	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
9	Module Manager
	UnivProf. Dr. Matthias Heinz
10	Miscellaneous
10	Miscenarieous

SuM Introduction to Economic Psychology								
Module Code 1320MEIEP1		Workload 360h	ECTS Credits	Module Language	Module Availability	Duration 1 Term		
				English	every 2nd term - winter term			
1	Courses Introduction to E	Conomic Psycl	nology	Contact Hours 60h	Self- Studies 300h	Course Language English		
2	kets • Economic psy	s in economic chology and its		acroeconomic o		ets, and financial mar-		
3	Students understand ad collect, syster justify and det	Learning Objectives Students 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 L seminar	earning Meth	ods					
5	Module Entry R	Requirements						
6	Mode of End-O Combined exam							
7	Prerequisites for Passing the modern	_						
8	Other Programmes that Use the Module 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 Manage UnivProf. Dr. E							
10	Miscellaneous							

Specialisation Module Financial Theory								
Module Coo 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)			Self- Studies a) 120h b) 120h	Course Language a) English b) English		
2	Capital marke Investment de Portfolio theo Asset pricing Analysis and Equity valuati Multiples approa Impact of fina M&A activities	Module Content Capital markets and consumption Investment decisions given certainity and uncertainity 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 inconfultiples approach) Impact of financial policies M&A activities and defensive strategies Aspects of balancing of accounts and financial realisation of mergers and acquisitions						
3	Students analyse inves understand as determine the use different r learn how to a recognize diff	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 L lecture practice	earning Meth	ods					
5	Module Entry R	-						
6	Mode of End-O Written test: PO		mination					
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	Master of Science Supple Master of Science Supple Master of Science Supple Master of Science	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						
	Master of Science Wirtschaftsmathematik:						
	MA Business and Economics Sciences Mathematics						
	Master of Science International Management:						
	Core and Advanced Section International Management						
	Supplementary Section International Management						
	Master of Science Business Administration - Finance:						
	Specialization Section Finance						
	Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:						
	Supplementary Section Business Education						
	Master of Science Geographie:						
	Business Administration Master Geography						
	Master of Arts Regionalstudien China - Betriebswirtschaftslehre:						
	Business Administration Master Regional Studies China						
9	Module Manager						
	UnivProf. Dr. Dieter Hess						
	UnivProf. Dr. Alexander Kempf						
	Dr. Alexander Pütz						
10	Miscellaneous						

Speciali ———	sation Module	Financial	Institutions	Managem	ent				
lodule Co 259SFIMa		Workload 360h	ECTS Credits 12	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term			
1	1 '	Courses a) Insurance Economics b) Risk Management (2. Term) Contact Hours a) 60h b) 60h b) 120h Course Langua a) English b) English							
2	Module content 1. Risk Manage • Risk control or • Risk and risk r • Management r • Management r 2. Insurance Eco • Insurance den • Production the • Market balance • Basics of sect • Claim settleme	Module Content 1. Risk Management 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 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	Students analyse variou apply risk mea assess regula are familiar wi assess instruu analyse insura can explain in assess the insura	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 L lecture practice	earning Meth	ods						
5	Module Entry R								
6	Mode of End-O Written test: PO	f-Module Exar	mination						
7	Prerequisites for Passing the writt courses.	_		attended; the e.	xamination refe	rs to topics of both			
8	Other Program	mes that Use	the Module						

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

			1	ı	1	ı			
Module Co 1259SMFi1		Workload 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term			
1	Courses Insurance			Contact Hours 60h	Self- Studies 120h	Course Language German			
2	Part A: Reinsur Reinsurance a Forms of tradi Financial Rein Alternative Ris Part B: Manage Management Construction of	Module Content Part A: Reinsurance and ART Reinsurance and Alternative Risk Transfer Forms of traditional Reinsurance Financial Reinsurance Alternative Risk Transfer Part B: Management of groups and mutual principle Management of groups and mutual principle Construction of insurance groups Risk Management and insurance groups							
3	Students understand ac analyse curre assess and d discuss scien	Learning Objectives Students 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 L lecture practice								
5		Module Entry Requirements no recommendations							
6		Mode of End-Of-Module Examination Written test: WT (60)							
7	-	_	of Credit Points courses must be a	attended; the ex	xamination refe	rs to topics of both			
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 Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics Master of Science Business Administration - Finance: Specialization Section Finance Supplementary Section Finance Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education
9	Module Manager UnivProf. Dr. Heinrich R. Schradin
10	Miscellaneous

Accounting sy Sources of law HGB, IAS/IFR Full fair value Learning Object Students analyse insura value claims r explore the im implement rist	t stems v S accounting naccounting		Contact Hours 30h	Self- Studies 60h	Course Language German								
Accounting sy Sources of law HGB, IAS/IFR Full fair value Learning Object Students analyse insura value claims r explore the im implement rist	stems v S accounting n accounting ctives ance companie	nethods											
Students analyse insura value claims r explore the im implement risl	ance companie				Module Content • Accounting systems • Sources of law • HGB, IAS/IFRS accounting methods • Full fair value accounting								
Tanahina and I	Learning Objectives Students 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.												
Teaching and Learning Methods lecture practice													
Module Entry Requirements no recommendations													
Mode of End-Of-Module Examination Written test: WT (60)													
Prerequisites for Awarding of Credit Points Passing the written test.													
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 Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics Master of Science Business Administration - Finance:													
	Passing the write Other Program Master of Science Supple Master of Science MA Bus Master of Science Supple Master of Science Supple Master of Science Supple Master of Science Supple Master of Science MA Bus Master of Science Special	Passing the written test. Other Programmes that Use of Master of Science Business Acc Supplementary Section Master of Science Information Supplementary Section Master of Science Business Acc Supplementary Section Master of Science Mathematik: MA Business and Ecc Master of Science Wirtschaftsn MA Business and Ecc Master of Science Business Acc Specialization Section	Passing the written test. Other Programmes that Use the Module Master of Science Business Administration - Supplementary Section Supply Chain Master of Science Information Systems: Supplementary Section Information Systems: Supplementary Section Information - Master of Science Business Administration - Master of Science Business Administration - Cosupplementary Section Corporate Developmentary Section Corporate Developmentary Section Accounting and Supplementary Section Accounting and Master of Science Mathematik: MA Business and Economics Sciences Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Master of Science Business Administration - Fin Specialization Section Finance	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 Develop Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Tasupplementary Section Accounting and Taxation Master of Science Mathematik: MA Business and Economics Sciences Mathematics Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics Master of Science Business Administration - Finance:	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 Master of Science Wirtschaftsmathematik: MA Business and Economics Sciences Mathematics Master of Science Business Administration - Finance: Specialization Section Finance								

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

Specialisation Module Value-Based Management in Insurance								
Module Code 1259SMVB00		Workload 180h	ECTS Credits	Language A	Module Availability irregular	Duration 1 Term		
1	Courses Value-Based Ma ory and Practice		nsurance - The-	Contact Hours 60h	Self- Studies 120h	Course Language English		
2	Module Content 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 R	Requirements						
6	Mode of End-Of-Module Examination Written test: WT (60)							
7	Prerequisites for Passing the write	_						
8	Supple Master of Science Master of Science MA Bust	ce Business Admentary Section ce Information mentary Section ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Mathematik siness and Economical Economical Section ce Mathematik siness and Economical Section ce Mathematik	dministration - Su on Supply Chain M Systems: on Information Systeministration - Ma on Marketing dministration - Co on Corporate Devidministration - Accounting and on Accounting and	Management stems rketing: rporate Develo elopment counting and Ta d Taxation	pment:			

	Master of Science Wirtschaftsmathematik:
9	Module Manager Dr. Muhammed Altuntas UnivProf. Dr. Heinrich R. Schradin
10	Miscellaneous

SpM Mai	rketing in Spe	cific Cont	exts I						
Module Cod 1266MSMS		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term			
1	neurship	a) Business Model Innovation and Entrepre- Hours Studies a) English							
2	The module cov products. It cons case studies, dis their own readin	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 organzie 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 L lecture practice								
5	Recommendation	Module Entry Requirements Recommendation: Basic knowledge of marketing and multivariate methods (e.g., regression analysis, analysis of variance)							
6	Mode of End-O Oral examination		nination						
7	Passing the oral	Prerequisites for Awarding of Credit Points Passing the oral examination of one course. A course is to be attended; the oral examination relate 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								

	Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager UnivProf. 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 Mar	rketing in Spe	cific Conte	exts II						
Module Code 1266MSMSC2		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term			
1	Courses a) Retailing b) Practical App	lications in Ret	ailing	Contact Hours a) 45h b) 45h	Self- Studies a) 135h b) 135h	Course Language a) English b) English			
2	The module covboth conceptual sions and guest literature in addi	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	Students understand ad analyse curre	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 L lecture practice								
5	1	Module Entry Requirements Recommendation: Basic knowledge of marketing							
6		Mode of End-Of-Module Examination Written test: WT (60)							
7	Passing the writ	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	Supple Master of Science Supple Master of Science Supple Master of Science Supple Master of Science Core and Master of Educate Supple Master of Science Supple Master of Science Supple Master of Science Special Master of Arts R	ce Business Ac mentary Section ce Business Ac mentary Section ce Business Ac mentary Section ce Economics: mentary Section ce International and Advanced Section Wirtschaft mentary Section ce Business Ac ization Section degionalstudien	Iministration - Sup in Supply Chain Not Iministration - Cont in Corporate Devolution - Accounting and in Accounting and in Management: inection Internation spädagogik/Lehra in Business Eduction - Ma	Management rporate Developelopment counting and Tata Taxation all Management ant an Berufskration rketing:	oment: axation: at ollegs:				

9	Module Manager UnivProf. 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.

ЅрМ Ма	rketing in Spe	cific Cont	exts III				
Module Code 1266MSMSC3		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Services and Me	edia Marketing		Contact Hours 45h	Self- Studies 135h	Course Language English	
2	The module cor guest speakers exercises, stude	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	Students analyse curre services assess and di	analyse current questions and challenges associated with the management of specific products or					
4	Teaching and L lecture practice						
5	Module Entry R	-	ledge of multivari	ate methods			
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the mod	_					
8	Supple Master of Science Supple Master of Educate Supple Master of Science Supple Master of Science Supple Master of Science Special	ce Business Admentary Section Business Admentary Section Business Admentary Section Economics: mentary Section Business Admentary Section Business Admentary Section Wirtschaft Business Admentary Section Business Admization Section Section Section Section Section Business Admization Section Business Administration Business Ad	dministration - Sum Supply Chain Maninistration - Control Corporate Deviction - Accounting and Son Accounting and Son Health Economical Management: I Management: In International Management: In International Management: In Business Education - Maninistration - Management -	Management rporate Development counting and Taxation anagement amagement amt an Berufsk ation rketing:	oment: axation: ollegs:		

9	Module Manager UnivProf. 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 - sum- mer term	Duration 1 Term	
1	Courses Brand Managem	nent		Contact Hours 45h	Self- Studies 135h	Course Language English	
2	The module covboth conceptual sions and guest literature in addi	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	brand managem assess and di methods in the d	dvanced, spec ent. scuss findings domain of bran	and research res	ults of specializ	zed marketing t	ods in the domain of heories, concepts, an	
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R Recommendationsis, analysis of v	n: Basic know	ledge of marketing	g and multivaria	ate methods (e	.g., regression analy-	
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the mod						
8	Supple Master of Science Supple Master of Science Supple Master of Science Supple Master of Science Supple Master of Educate Supple Master of Arts M MA Me Master of Science	ce Business Admentary Section Business Admentary Section Business Admentary Section Economics: mentary Section Business Admentary Section Wirtschaft mentary Section Business Se	dministration - Supon Supply Chain Manistration - Coordinate Devotor Corporate Devotor Accounting and Information International Management: on Business Educibinate and Economic Internation - Mainistration - Mainistration - Mainistration - Mainistration - Mainistration - Supplementation - Mainistration - Supplementation - Mainistration - Mainistrati	Management rporate Developelopment counting and Ta d Taxation anagement amt an Berufsk ation	oment: axation:		

	Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager UnivProf. 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 Me	dia and Techr	ology Mar	nagement - E	nterprises	, Markets,	and Strategies		
Module Code 1284MEEMS1		Workload 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - winter term	Duration 1 Term		
1		CoursesContact HoursSelf- StudiesCourse Language German and Englishprises, Markets, and Strategies30h150h						
2	Overview of butries and market Economic char of digital goods) MTM infrastrus ocial welfare Design options Application of formation evaluation.	MTM infrastructures and their regulation and influence on MTM business models, companies and						
3	Students understand ac agement analyse curre	understand advanced, specialized theories / methods in the area of Media and Technology Man-						
4	Teaching and L lecture Colloquium	earning Meth	ods					
5	Module Entry R	dequirements						
6	Mode of End-O Written test: WT		nination					
7	Prerequisites for Passing the mod	_						
8	Master of Science Supple Master of Science Supple Master of Science Supple Master of Arts M MA Me Master of Educa	ce Economics: mentary Section ce Information mentary Section ce Business Act mentary Section ce Business Act mentary Section dedienwissenso dia Managementary Wirtschaft	on Systems: on Information Systeministration - Ma on Marketing dministration - Co on Corporate Devo	rketing: rporate Develop elopment s amt an Berufsko				

9	Module Manager UnivProf. Dr. Claudia Loebbecke, M.B.A.
10	Miscellaneous

Module Code 1284MEMTM1								
1284MEMTM1 180h 6 Language German and English lem - winter term 1 Courses Selected Media and Technology Issues Contact Hours Studies 150h Studies 1	SuM Medi	a and Techn	ology Mar	nagement - S	Selected Is:	sues I		
Selected Media and Technology Issues Hours 30h Studies 150h German and English 30h Studients 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 Marketing 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 UnivProf. Dr.' Claudia Loebbecke, M.B.A.					Language German and	Availability every 2nd term - winter		
Varying topics 3	1		and Technolog	y Issues	Hours	Studies		
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	2		t					
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 UnivProf. Dr.' Claudia Loebbecke, M.B.A.	3	Students analyse curre justify and def discuss scient cialists act responsible	nt questions ar fend (independ tific topics in a ly considering e	ently developed) professional man ecological, social	positions or proner and approper and ethical crite	oblem solutions oriate to the situ eria.	s. uation with (non-) spe-	
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 UnivProf. Dr.' Claudia Loebbecke, M.B.A.	4	seminar	seminar					
Written test: PO 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 UnivProf. Dr. Claudia Loebbecke, M.B.A.	5	· ·	equirements					
Passing the module examination 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 Module Manager UnivProf. Dr. Claudia Loebbecke, M.B.A.	6		f-Module Exar	mination				
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 Module Manager UnivProf. Dr. Claudia Loebbecke, M.B.A.	7	I -						
UnivProf. Dr. Claudia Loebbecke, M.B.A.	8	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:						
10 Miscellaneous	9			ecke, M.B.A.				
	10	Miscellaneous						

SuM Madi	ia and Techr	ology Mar	nagement - 9	Salactad Is	elle II			
Module Code 1284MEMTM)	Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term		
1	Courses Selected Media	Courses Selected Media and Technology Issues Contact Hours Studies 30h 150h Course Language German and English						
2	Module Conten Varying topics	t						
3	Students analyse curre assess and di justify and del critically evalu	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 L seminar Colloquium							
5	Module Entry R	Requirements						
6	Mode of End-O Written test: PO	f-Module Exar	mination					
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 Manage UnivProf. Dr.' (ecke, M.B.A.					
10	Miscellaneous							

		<u> </u>		·	nd Publica			
Module Code 1284MEMRP1		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term		
1		CoursesContactSelf-Course LanguageMedia and Technology Management: Research and PublicationsHoursStudiesEnglish						
2	The focus of thi	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	Students understand ac agement analyse curre assess and di collect, syster prepare indep justify and dei present scien	Learning Objectives Students understand advanced, specialized theories / methods in the field of media and technology man-						
4	Teaching and L seminar	earning Meth	ods					
5	Module Entry R Recommendation Master thesis in	n: At least par	allel assignment o	of an MTM Mas	ter Module and	I interest to write the		
6	Mode of End-O Written test: PO	f-Module Exa	mination					
7	Prerequisites for Passing the modern	_						
8	Master of Science Supple Master of Science Supple Master of Science Supple Master of Arts M MA Me Master of Educa	mentary Sections and the section of	on Systems: on Information Systeministration - Ma on Marketing dministration - Co on Corporate Devo	rketing: rporate Develo elopment s amt an Berufsk				
9	Module Manage UnivProf. Dr.' (ecke, M.B.A.					
10	Miscellaneous	ıni-koeln.de						

CM Com	parative Polit	ical Institu	itions					
Module Co 1335MBCPI		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Comparative Po	CoursesContact Hours 30hSelf- Studies 150hCourse Language English						
2	decisions, colle Time consiste Endogeneity c	n and neoinstite and veto point the cture-induced of a ggregation ctive action, dency and common institutions and common institutions and common and commo	eory equilibria of individual prefe elegation relations	hips and risk o	f "agency loss"			
3	assess and di justify and def	dvanced, speci scuss findings fend (independ	alised theories / r and research res lently developed) ocesses in self- a	ults of specialis positions or pro	oblem solutions			
4	Teaching and L	earning Meth	ods					
5	Module Entry R	Requirements						
6		Mode of End-Of-Module Examination Written test: WT (60)						
7	Prerequisites for Passing the mod							
8	Master of Arts P Core an Master of Science Supple Master of Arts R Social S Master of Arts R Social S Master of Arts R	ce Economics: mentary Section olitikwissensch and Advanced Sice Economic Rimentary Section degionalstudien Sciences Maste degionalstudien Sciences Maste degionalstudien sciences Maste degionalstudien	on naft: Section Political Se	earch uropa - Sozialw es Eastern Eur Sozialwissensc es Latin Americ ssenschaften:	ope chaften:			
9	Module Manage UnivProf. Dr. A							

10	Miscellaneous

CM Compa	arative Polit	ical Econo	my				
Module Code 1335MBCPE1		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
l l	Courses Comparative Po	litical Economy	,	Contact Hours 30h	Self- Studies 150h	Course Language English	
2	 Module Content 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 						
	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.						
l l	Teaching and Learning Methods lecture						
l l	Module Entry Requirements none						
l l	Mode of End-Of-Module Examination Written test: WT (60)						
1	Prerequisites for Awarding of Credit Points Passing the module examination						
	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						
1	Module Manage UnivProf. Dr.' (ousch				
10	Miscellaneous						

CM Demo	cratic Theor	y and Prac	tice					
Module Code 1335MBDTP1 Workload 180h			ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Democratic The	ory and Practic	e	Contact Hours 30h	Self- Studies 150h	Course Language English		
2	Module Content 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 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 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 Manage JunProf.' Chitra		h.D					
10	Miscellaneous							

CM Intern	national Rela	tions						
Module Code 1335MBIRE1		Workload 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses International RelationsContact Hours 30hSelf- Studies 150hCourse Language German and English							
2	Module Content 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 Passing the mod							
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 Manage UnivProf. Dr. T							

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

10 Miscellaneous

CM Europ	ean 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 Politic	cs		Contact Hours 30h	Self- Studies 150h	Course Language English		
2	Module Content							
3	Learning Objectives Students 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 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 Manage UnivProf. Dr. S		ksch					
10	Miscellaneous							

CM Rese	arch Design								
Module Cod 1335MBRD0	-	Workload 180h		Module Language English	Module Availability every term	Duration 1 Term			
1	Courses Research Logic	CoursesContact Hours 30hSelf- Studies 150hCourse Language English							
2	 Research Que Conceptualisa Hypothesis bu Research des Case selection Compiling and 	Module Content 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 L	Teaching and Learning Methods seminar							
5	Module Entry Requirements none								
6	Mode of End-Of-Module Examination Written test: PO								
7	Prerequisites for Passing the modern	U							
8	Master of Scient Supple Master of Arts P Core at Master of Arts R Social S Master of Arts R Social S Master of Arts R	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	UnivProf. Dr. A	Module Manager UnivProf. Dr. André Kaiser							
	+	UnivProf. Ingo Rohlfing, PhD							

 Introduction to the social systems of the third sector, non-profit organisations (NPOs) and ci society Looking at local forms of cooperative self-help as well as classical welfare state and developed 	elf-help							
1 Courses a) Co-operative Economics in Social Space b) Seminar Co-operative Economics b) Seminar Co-operative Economics 1 Module Content • Interdisciplinary consideration of social space development through cooperative forms of see introduction to the social systems of the third sector, non-profit organisations (NPOs) and cisociety • Looking at local forms of cooperative self-help as well as classical welfare state and develop	elf-help							
a) Co-operative Economics in Social Space b) Seminar Co-operative Economics A) 30h b) 30h b) 150h b) German and b	elf-help							
 Interdisciplinary consideration of social space development through cooperative forms of se Introduction to the social systems of the third sector, non-profit organisations (NPOs) and ci society Looking at local forms of cooperative self-help as well as classical welfare state and develop 	ivil							
	 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 							
civil society.	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.							
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 r to the content of one course.	relates							
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	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:							
9 Module Manager	-							

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.

SpM Hea	alth Care Syst	ems II							
Module Co 1282MSHC		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term			
1	Courses Philosophy of In ing	clusion and Co	mmunity Build-	Contact Hours 30h	Self- Studies 150h	Course Language English			
2	The module He socio-political in social policy. Sp Fundamental Riernance instrum the context of na spectives (e.g. ii	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	Students understand acing justify and del critically evalu	understand advanced, specialized theories / methods in terms of inclusion and community build-							
4	Teaching and L	Teaching and Learning Methods lecture							
5	Module Entry R	Module Entry Requirements none							
6	Mode of End-O Written test: WT		mination						
7	Prerequisites for Passing the mod								
8	Master of Science Core and Master of Science Supple Master of Arts P Supple Master of Educate Supple Master of Arts R Social S Master of Arts R Social S	ce Economics: mentary Section ce Gesundheits and Advanced Sice Sociology at mentary Section colitikwissenschamentary Section ation Wirtschaft mentary Section degionalstudien Sciences Maste Sciences Maste Sciences Maste	on sökonomie: section Health Eco and Social Researd on Sociology and	ch: Social Researc e amt an Berufsko ation uropa - Sozialw es Eastern Euro Sozialwissenso es Latin Americ	ollegs: issenschaften: ope haften:				

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

CM Healt	th Care Syste	ms							
Module Coo 1282MBHCS	· -	Workload 180h	ECTS Credits	Module Language German and English	Duration 1 Term				
1	Courses International Co tems	mparison of He	ealth Care Sys-	Contact Hours 30h	Self- Studies 150h	Course Language English			
2	The module He systems. The air identify best pradressed. The approach is research, but als disciplinary approach in multi-level legal	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	Students understand ad assess and di justify and de present scien	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 L	Teaching and Learning Methods lecture							
5	Module Entry R	Module Entry Requirements none							
6	Mode of End-O Written test: WT		mination						
7	Prerequisites for Passing the mod	_							
8	Master of Science Core at Master of Science Supple Master of Arts P Supple Master of Educa Supple Master of Arts R Social S Master of Arts R	ce Economics: mentary Sectic ce Gesundheits nd Advanced S ce Sociology ar mentary Sectic olitikwissensch mentary Sectic tion Wirtschaft mentary Sectic tegionalstudien sciences Maste degionalstudien	on sökonomie: section Health Eco and Social Resear on Sociology and	ch: Social Researc e amt an Berufsk ation uropa - Sozialw es Eastern Eur Sozialwissensc	ollegs: issenschaften: ope haften:				

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

SpM Su	pply Chain Inr	novation						
Module Co 1271MSSIN		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Supply Chain In	novation		Contact Hours 45h	Self- Studies 135h	Course Language English		
2	 Innovation Str Innovation Ma Supply Chain Collaborative Applications o 	Module Content 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	Students understand ac analyse curre assess and di communicate justify and de act responsib	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 L lecture practice							
5	Module Entry R	Requirements						
6	Mode of End-O Written test: PO		mination					
7	Prerequisites for Passing the mod		of Credit Points on					
8	Special Master of Science Supple Master of Science Supple Master of Educate Supple Master of Science Supple Master of Science Supple Master of Science Supple	ce Business A lization Section ce Economics mentary Section ce Internation mentary Section wirtschaf mentary Section ce Information mentary Section mentary Section ce Business A mentary Section	dministration - Sup in Supply Chain Ma in on al Management: on International M tspädagogik/Lehra on Business Educ Systems: on Information Systemistration - Ma	anagement anagement amt an Berufsk ation stems rketing:	ollegs:			

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

Speciali	sation Module	Project I	Management				
Module Code 1271SMPrjM		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Project Manage	ment	•	Contact Hours 60h	Self- Studies 120h	Course Language English	
2	Module Content 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	Students understand th understand, re human behavior engage in gro approaches are reflect on thei case studies. Cr apply modern project manager apply real opt recommend p	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 L lecture practice						
5	1	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	Special Master of Science MA Bus Master of Science Supple Master of Science	ce Business Adization Section Section Ce Mathematik Siness and Ecoce Economics: mentary Section Wirtschafts	dministration - Sun Supply Chain Must supply Chain Must supply Chain Must supply suppl	anagement Mathematics	nagement:		

	Master of Science International Management:
	Core and Advanced Section 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:
	Supplementary Section Accounting and Taxation
	Master of Science Geographie:
	Business Administration Master Geography
	Master of Arts Regionalstudien China - Betriebswirtschaftslehre:
	Business Administration Master Regional Studies China
9	Module Manager
	UnivProf. Dr. Fabian Sting
10	Miscellaneous
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assess and diction and armethods. prepare indep. communicate justify and decent as technique use technique	ecision Making lanagement istics ctives dvanced, speci iscuss findings halyse data man bendently a res continuously a fend (independ tific results in a es of scientific v	ialized theories / and research resterial for selected search design for and purposefully i dently developed) a way that is appr work and good so	sults of speciali I scientific ques a question. n diverse team positions or pr opriate for the	zed theories / nations using quastions using quastions. s. Soblem solutions target audience	antitative / qualitative	
ehavioural Supplemental Supplem	ecision Making lanagement istics ctives dvanced, speci iscuss findings halyse data man bendently a res continuously a fend (independ tific results in a es of scientific v	ialized theories / and research resterial for selected search design for and purposefully i dently developed) a way that is appr work and good so	methods in Belsults of specialist scientific question. In diverse team positions or propriate for the	Studies 135h navioural Opera zed theories / n stions using qua s. oblem solutions target audience	English ations Management. methods. antitative / qualitative	
Behavioural D Behavioural M Decision Heur earning Object tudents understand ac assess and dc collect and arethods prepare indep communicate . justify and dec present scien . use technique eaching and Lecture	lecision Making lanagement ristics ctives dvanced, specificus findings lalyse data mate and entity a restrontinuously affend (independent fice results in a les of scientific versults in a	ialized theories / and research resterial for selected search design for and purposefully idently developed) a way that is appr work and good so	sults of speciali I scientific ques a question. n diverse team positions or pr opriate for the	zed theories / nations using quastions using quastions. s. Soblem solutions target audience	nethods. antitative / qualitative	
tudents understand ac . assess and di . collect and ar nethods prepare indep . communicate . justify and de . present scien . use technique eaching and Lecture	dvanced, speci iscuss findings nalyse data ma pendently a res continuously a fend (independ tific results in a es of scientific v	and research resterial for selected search design for and purposefully idently developed) a way that is approver and good so	sults of speciali I scientific ques a question. n diverse team positions or pr opriate for the	zed theories / nations using quastions using quastions. s. Soblem solutions target audience	nethods. antitative / qualitative	
ecture	earning Meth	ods				
Teaching and Learning Methods lecture practice						
Module Entry Requirements Recommendation: The basic modules Supply Chain Analytics I and II should have been completed.						
Mode of End-Of-Module Examination Written test: PO						
Prerequisites for Awarding of Credit Points Passing the module examination						
Special laster of Science Supple laster of Science Supple laster of Educa Supple laster of Science Supple laster of Science	ce Business Adlization Section Section Section Section Section Section Section Wirtschaft mentary Section Mentary Section Sect	dministration - Sun Supply Chain Mon Supply Chain Mon International Mon Business Education Systems: In Information Sydministration - Machain Supplement Marketing Information - Continuation - Supplement Systems:	anagement lanagement amt an Berufsk cation stems arketing:	collegs:		
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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

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SpM Sup	ply Chain Op	erations				
Module Code 1271MSSOP1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term
1	Courses Supply Chain O	perations		Contact Hours 45h	Self- Studies 135h	Course Language English
2	Module Conten Inventory Man Contract Designation Capacity and Supply Chain	nagement gn Revenue Mana				
3	Learning Objectives Students 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	Special Master of Science Supple Master of Science Supple Master of Educate Supple Master of Science Supple	ce Business Adlization Section ce Economics: mentary Section to International mentary Section Wirtschaft mentary Section Ce Information mentary Section Ce Business Admentary Section Ce Sectio	Iministration - Su Supply Chain Man I Management: In International Man Spädagogik/Lehra In Business Educ Systems: In Information Systeministration - Ma	anagement anagement amt an Berufsk ation stems rketing: rporate Develo	ollegs: pment:	

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

Special	isation Module	Operativ	e Supply Ch	ain Plannin	ig		
Module Code 1271OSCP01		Workload 180h	6 Lai	Module Language German and English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Production Man	agement	•	Contact Hours 45h	Self- Studies 135h	Course Language German	
2	Supply Chain Demand Plant Program Plant Lotsizing and	Module Content Supply Chain Design Demand Planning Program Planning Lotsizing and Scheduling Inventory Management					
3	Students acquire knowledgement and moderate and moderate and the second age and the second are able to desproblems, based work cooperate discuss and poderate and in the second act in the second age and poderate and second act in the second age and poderate and second act in the second age and poderate and and po	Learning Objectives Students acquire knowledge about the problems that occur in production planning and supply chain material agement 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 decist 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 R	Module Entry Requirements none					
6		Mode of End-Of-Module Examination Written test: WT (60)					
7	Prerequisites for Passing the write	_	of Credit Points				
8	Special Master of Science MA Buster of Science Supple Master of Science MA Buster of Science Core at Master of Education	ce Business A lization Section Ce Mathematik siness and Ecoe Economics mentary Sections Wirtschafts siness and Ecoe Internationand Advanced Station Wirtschaft	dministration - Su n Supply Chain M c: onomics Sciences : on mathematik: onomics Sciences	anagement Mathematics Mathematics Mathematics nal Managemer amt an Berufsk	nt		

	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 Geographie: Business Administration Master Geography Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Business Administration Master Regional Studies China
9	Module Manager AD Dr. Johannes Antweiler UnivProf. Dr. Horst Tempelmeier
10	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.

SpM Tax	cation i		_		•			
Module Code 1016MSTAX1		Workload 180h 6		Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Taxation of Com	npanies I		Contact Hours 45h	Self- Studies 135h	Course Language German		
2	Business taxa Taxation of dif Choice of lega International bases.	Module Content • 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	Students understand ac analyse curre assess and di	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 L lecture practice							
5	Module Entry R	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	Master of Science Supple Master of Science Supple Master of Science Supple Master of Science Supple Master of Educate Supple Master of Science Supple Master of Science Supple Master of Science Special Supple	ce Economics mentary Section Business Amentary Section Business Amentary Section Business Amentary Section Wirtschaften Business Amentary Section Wirtschaften Business Alization Section Business Amentary Section Business Amentary Section Section Section Business Amentary Section Section Section Section Section Section Business Amentary Section Section Section Section Section Business Amentary Busine	: on dministration - Fin on Finance Systems: on Information Sys dministration - Ma	stems rketing: rporate Develoelopment amt an Berufslation counting and T Taxation	collegs: axation:			

9	Module Manager UnivProf. Dr. Michael Overesch
10	Miscellaneous

SpM Tax	xation II						
Module Code 1016MSTAX2		Workload ECTS Credits 180h 6 Gern			Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Taxation of Com	Courses Taxation of Companies II			Self- Studies 135h	Course Language German	
2	Corporate tax Tax planning i Tax planning i	Module Content 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	Students understand a analyse curre assess and d justify and de	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 act responsibly considering ecological, social and ethical criteria.					
4	Teaching and Lecture practice						
5	Module Entry F						
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the mod		of Credit Points				
8	Master of Scient Supple Master of Scient Supple Master of Scient Supple Master of Scient Supple Master of Educa Supple Master of Scient Supple Master of Scient Supple Master of Scient Specia Supple	ce Economics mentary Sectice Business Amentary Sectice Business Amentary Sectice Business Amentary Sectice Business Amentary Sectication Wirtschaften Wirtschaften Business Alization Section mentary Sectice Business Amentary Sectice Business Amentary Sectice Business Amentary Section Mentary Section Mentary Section Mentary Section Mentary Section	: on dministration - Fir on Finance Systems: on Information Syd dministration - Ma	stems rketing: rporate Develoelopment amt an Berufskation counting and T Taxation d Taxation	collegs:		

9	Module Manager UnivProf. Dr. Michael Overesch
10	Miscellaneous

SpM Sele	cted Issues	in Account	ting & Taxat	ion II			
Module Code 1016MSSIS2		Workload 180h	ECTS Credits	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	Selected Issues	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.					nethods. s.	
4	Teaching and L	Teaching and Learning Methods lecture					
5	Module Entry R None	Requirements					
6	Mode of End-O Written test: PO		mination				
7	Prerequisites for Passing the moot two lectures.	_		nave to be chos	en. The exam	covers the content of	
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 Manage Area Accounting						
10	Miscellaneous						

CM International Tax Law							
Module Code 1015MBISR1		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses International Tax	x Law		Contact Hours 30h	Self- Studies 150h	Course Language German	
2	Module Conten • Foreign Tax A • Double Taxati	ct					
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 L	earning Meth	ods				
5	Module Entry R	Requirements					
6	Mode of End-O Written test: WT		nination				
7	Prerequisites for Passing the mod						
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 UnivProf. Dr.' Johanna Hey						
10	Miscellaneous Language: germ	nan					

CM Tax A	CM Tax Accounting Law							
Module Code 1015MBBIL1		Workload 180h	ECTS Credits	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 • 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 L	earning Meth	ods					
5	Module Entry R None	Requirements						
6	Mode of End-O Written test: WT		nination					
7	Prerequisites for Passing the mod	_						
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 UnivProf. Dr. Joachim Hennrichs						
10	Miscellaneous							

CM Selected Issues of Tax Law							
Module Co 1015MBAFS		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Selected Issues	Courses Selected Issues of Tax Law			Self- Studies 150h	Course Language German	
2	Module Conten				•		
3	Students deepen their I acquire comp deal with the s Law deal with the s receive an ove	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					
4	Teaching and L	-earning Meth	iods				
5	Module Entry R	-	ledge of income t	ax law and cor	porate tax law		
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the mod	_					
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 UnivProf. Dr. Johanna Hey					
10	Miscellaneous						

SuM Ecor	nomic Geogr	aphy I					
Module Code 1343MEEGY1		Workload 180h	load ECTS Credits Module Language English et			Duration 1 Term	
1	Courses Start-ups and In ion	Start-ups and Innovation in the European Un- Hours Studies English					
2	Spatial patterr Geographical territorial innova	Module Content 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	Students understand accontext of region analyse curre tive industries fo write an acad justify and de critically evalu	Learning Objectives Students 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 L seminar	earning Meth	ods				
5	Module Entry R	Requirements					
6	Mode of End-O Combined exam						
7	Prerequisites for Passing the modern						
8	Other Programmes that Use the Module 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						
	Supple Master of Arts R Social S Master of Arts R Social S Master of Arts R	degionalstudien Sciences Maste degionalstudien Sciences Maste degionalstudien	Ost- und Mittele er Regional Studi Lateinamerika - er Regional Studi China - Sozialwi	uropa - Sozialw es Eastern Eur Sozialwissenso es Latin Amerio ssenschaften:	ope chaften:		

	UnivProf. Dr. Martina Fuchs
10	Miscellaneous

SuM Ec	onomic Geogr	aphy II					
Module Code 1343MEEGY2		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses Digitalization, Sr Regions	Course Language English					
2	Digitalization a Geographical Smart Manufa Smart regiona Regional Inno Digitalization o	Module Content 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	Students understand ac the areas of pro analyse chara write an acad achieve thereby justify and de critically evalu	Learning Objectives Students 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 L	earning Meth	ods				
5	Module Entry R	Requirements					
6	Mode of End-O Combined exam						
7	Prerequisites for Passing the mod						
8	Master of Scient Supple Master of Arts P Supple Master of Scient Supple Master of Arts R Social S Master of Arts R	mentary Sections of Section Se	on nd Social Researd on Sociology and naft: on Political Scienc	Social Researd e stems uropa - Sozialw es Eastern Eur Sozialwissensc	rissenschaften: ope :haften:		

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

SuM Ec	onomic Geogr	aphy III					
Module Code 1343MEEGY3		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Global South an Business: Ethics			Contact Hours 30h	Self- Studies 150h	Course Language English	
2	Sustainability Theoretical ap Modes and wa Empirical case	Module Content 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	Students understand ac sponsibility and assess and di regional social ru collect, systemed disciplines as discuss the el local resource p	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 develop-					
4	Teaching and L	earning Meth	ods				
5	Module Entry R	Requirements					
6	Mode of End-O Combined exam						
7	Prerequisites for Passing the mod						
8	Master of Scient Supple Master of Arts P Supple Master of Scient Supple Master of Arts R Social S Master of Arts R	mentary Sections Section Sectio	on nd Social Resear on Sociology and naft: on Political Scienc	Social Researd se stems uropa - Sozialw es Eastern Eur Sozialwissenso	<i>r</i> issenschaften: ope chaften:		

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

SuM Eco	onomic Geogr	aphy IV						
Module Co 1343MEEG		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Methods in Regi	Courses Methods in Regional ResearchContact Hours 60hSelf- Studies 300hCourse Language German						
2	Research met Selected geog	Module Content 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	Students collect and ar methods prepare indep current issues ir write an acad communicate	collect and analyse data material for selected scientific questions using quantitative / qualitative						
4	Teaching and L	earning Meth	ods					
5	Module Entry R	Module Entry Requirements none						
6	1	Mode of End-Of-Module Examination Combined examination: PRES, TP						
7		Prerequisites for Awarding of Credit Points Passing the module examination						
8	Master of Scient Supple Master of Scient Supple Master of Arts P Supple Master of Scient Supple Master of Arts R Social S Master of Arts R Social S Master of Arts R	Other Programmes that Use the Module 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 Manage UnivProf. Dr.' I							

10	Miscellaneous
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ntir	nting	j l					
Module Code 1016MSACC1			Workload 180h ECTS Credits	Module Language German	Module Availability every 2nd term - winter	Duration 1 Term	
Courses Sustainability ReportingContact Hours 45hSelf- Studies 135hCourse Langua German							Course Language German
Module Content 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							
ude unc ana ass just	udent under analy asses justify	s stand se cu s and	rrent questions d discuss findir defend (indepe	pecialized theorie s and challenges ngs and research endently develop social developm	in the area of s results of spec ed) positions or	ustainability/ESG alized theories / problem solution	methods.
Teaching and Learning Methods lecture practice							
Module Entry Requirements none							
Mode of End-Of-Module Examination Written test: WT (60)							
Prerequisites for Awarding of Credit Points Passing the module examination							
este este este	aster of aster of aster of aster of aster of	of Scionary Support Scionary Scionary Support Scionary S	ence Business plementary Se ence Business plementary Se ence Business plementary Se ence Information Business plementary Se ence Business plementary Se ence Information endungsfeld	on Systems: ction Information Administration - ction Corporate I k:	in Management Marketing: Finance: Systems Corporate Deve		
Master of Science Informatik: Anwendungsfeld Master of Science Geographie: Wahlpflichtfach Management & Social Sciences							

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

SpM Ac	counting II							
Module Co 1016MSAC		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses International Ac	Courses International Accounting Contact Hours Studies 45h Course Language German German						
2	Theoretical as IASB-Framew Recognition a	Module Content • 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	Students understand a analyse curre gain confiden respect to recog acquire know solve new pro in the module.	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						
4	Teaching and L lecture practice							
5	Module Entry F	Module Entry Requirements none						
6	1	Mode of End-Of-Module Examination Written test: WT (60)						
7		Prerequisites for Awarding of Credit Points Passing the module examination						
8	Master of Scient Supple Master of Scient Supple Master of Scient Supple Master of Scient Supple Master of Educa Supple Master of Scient Supple Master of Scient Supple Master of Scient Specia	mentary Sections Business A mentary Sections Business A mentary Sections Business A mentary Sections Business A mentary Section Wirtschaft mentary Sections Business A mentary Sections Business A lization Sections Sections	on dministration - Fin on Finance Systems: on Information Sys dministration - Ma	stems rketing: rporate Develo elopment amt an Berufsk ation counting and Ta	ollegs:			

	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 Sele	cted Issues	in Accoun	ting & Taxat	ion I			
Module Code 1016MSSIS1	•	Workload 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses a) Tax Accounting b) Financial Server c) Taxation of Fad) Selected Issue e) Annual Audit f) Special Audits	vice and Real I amily Business les in Controllir		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		accounting, finar	ncial accountino	յ, auditing or bւ	usiness 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.					nethods.	
4	Teaching and L	_earning Meth	ods				
5	Module Entry R	Requirements					
6	Mode of End-O Written test: PO	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:						

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

SpM Sele	cted Issues	in Account	ting & Taxat	ion II			
Module Code 1016MSSIS2	•	Workload 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses a) International b) Taxation of C c) Consolidated d) Selected Issu e) Selected Issu	orporate Group Balance Sheet es in Business	ts Valuation	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	Selected Issues	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.					nethods.	
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 Empi	rical Mothod	<u> </u>					
Module Cod		Workload	ECTS Credits	Module	Module	Duration	
1314MAEMT	1	180h	6	Language English	Availability every 2nd term - sum- mer term	1 Term	
1	Courses Empirical Metho	ods	Self- Studies 135h	Course Language English			
2	Module Content 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 L	_earning Meth	nods				
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:						

	Supplementary Section Information Systems
	Master of Science Business Administration - Marketing:
	Supplementary Section Marketing Mester of Science Rusiness Administration Corporate Development
	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
9	Module Manager
	UnivProf. Dr. Jörg Breitung
10	Miscellaneous

SpM Market Design and Behaviour I								
Module Code 1289MSMDB ²		Workload 180h	ECTS Credits	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	This module into	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 L lecture practice	earning Meth	ods					
5	Module Entry R Recommendation	-	onomics or CM N	/licroeconomics	s (Business Adr	ministration)		
6	Mode of End-O							
7	Prerequisites for Passing the mod							
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 Manage UnivProf. Dr. C		tmüller					
10	Miscellaneous							

Module Code 1289MSMDB2		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term		
1	Courses Economic Engin	neering		Contact Hours 45h	Self- Studies 135h	Course Language English		
2	 Evaluation of the and incentive sy Analysis of religibles Specific designs 	Discussion of practical applications of economic engineering in matching markets, auctions and						
3	Students analyse curre write an acad discuss proble	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 L lecture practice							
5	Module Entry R	-						
6	Mode of End-O Combined exam							
7	Prerequisites for Passing the mod	J						
8	Master of Science Supplee Master of Arts P Supplee Master of Science Special Supplee Master of Science	Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management:						
9	Module Manage	<u> </u>	on Sociology and	Social Researd	on 			

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

10 Miscellaneous

SpM Market Design and Behaviour III								
Module Cod 1289MSMDE	-	Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Economics of In	novation	•	Contact Hours 60h	Self- Studies 120h	Course Language English		
2	Module Content Core and current research in the field Economics of Innovation: 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: 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	Students understand ad extend and us assess and e present and d are introduced	Learning Objectives						
4	Teaching and L lecture practice	Teaching and Learning Methods lecture						
5	Recommendation Methods in the I	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-O Written test: PO		mination					
7	-	Prerequisites for Awarding of Credit Points Passing the module examination						
8	Supple Master of Arts P Supple Master of Science	ce Business Ao mentary Section Politikwissensch mentary Section	dministration - Su on Supply Chain N naft: on Political Scienc dministration - Fin	Management ee	nagement:			

	Master of Science Information Systems:
9	Module Manager UnivProf. Dr. Susanne Prantl
10	Miscellaneous See the relevant online systems and www.ieam.uni-koeln.de for further information.

SpM Ma	rket Design aı	nd Behavi	our IV				
Module Co 1289MSMD		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	1 '	Courses a) Auction Theory (WS) b) Contract Theory			Self- Studies a) 120h b) 135h	Course Language a) English b) German	
2	Contract Theory Principal-agen Moral hazard, Hold-up proble Incomplete co Auction Theory Auctions with nue equivalence	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 pro-					
3	Students understand ac analyse quest assess finding	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 L lecture practice	earning Meth	nods				
5	Module Entry R	=					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the mod			ourses offered.			
8	Master of Science Supple Master of Arts P Supple Master of Science Supple Master of Science Supple Master of Science Supple Master of Science Supple	Passing the module examination in one of the courses offered. 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 UnivProf. Dr. Patrick W. Schmitz
10	Miscellaneous

ae	Workload		BA - deal	NA - deal	D		
Module Code 1289SMBE00		ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
CoursesContact HoursSelf- Studies 120hCourse La English							
Using the conce are based on fin	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.						
Students understand be	Learning Objectives Students understand behavioural models and formal arguments apply advanced microeconomic concepts challenge arguments critically.						
Teaching and L lecture practice							
1	Module Entry Requirements Recommended: Core modules in Microeconomics						
		mination					
	_	of Credit Points					
Passing the written test. 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							
	Module Content Using the conce are based on finition to bounded concept. Learning Object Students understand be apply advance challenge arg Teaching and Lecture practice Module Entry Recommended: Mode of End-O Written test: WT Prerequisites for Passing the write Other Program Master of Science Supple	Module Content Using the concept of the hom are based on findings from emtion to bounded rationality the concept. Learning Objectives Students understand behavioural mod apply advanced microecond challenge arguments critica Teaching and Learning Methelecture practice Module Entry Requirements Recommended: Core modules Mode of End-Of-Module Exal Written test: WT (60) Prerequisites for Awarding of Passing the written test. Other Programmes that Use Master of Science Business A Supplementary Section Master of Science Information Supplementary Section Master of Science Business A Supplementary Section Supplementary S	Module Content Using the concept of the homo economicus, the are based on findings from empirical and experition to bounded rationality theories, focusing on concept. Learning Objectives Students understand behavioural models and formal ar apply advanced microeconomic concepts challenge arguments critically. Teaching and Learning Methods lecture practice Module Entry Requirements Recommended: Core modules in Microeconomic Written test: WT (60) Prerequisites for Awarding of Credit Points Passing the written test. Other Programmes that Use the Module Master of Science Business Administration - Sugapplementary Section Supply Chain Master of Science Business Administration - Fin Supplementary Section Finance Master of Science Business Administration - County Supplementary Section Information Systems: Supplementary Section Information Systems: Supplementary Section Corporate Deventation Section Supplementary Section Corporate Deventation Section Supplementary Section Corporate Deventation Section Section Section Supplementary Section Master of Science Business Administration - County Supplementary Section Corporate Deventation Section Section Section Section Supplementary Section Master of Science Section Section Section Section Section Section Supplementary Section Master of Science Section Secti	Courses Behavioral Economics Contact Hours 60h Module Content Using the concept of the homo economicus, the module prese are based on findings from empirical and experimental researction to bounded rationality theories, focusing on those theories concept. Learning Objectives Students understand behavioural models and formal arguments apply advanced microeconomic concepts challenge arguments critically. Teaching and Learning Methods lecture practice Module Entry Requirements Recommended: Core modules in Microeconomics Mode of End-Of-Module Examination Written test: WT (60) Prerequisites for Awarding of Credit Points Passing the written test. Other Programmes that Use the Module Master of Science Business Administration - 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 Develoe Supplementary Section Information Systems Master of Science Business Administration - Corporate Develoe Supplementary Section Information Systems Master of Science Business Administration - Corporate Develoe 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:	Courses Behavioral Economics Contact Hours 60h 120h Module Content Using the concept of the homo economicus, the module presents behavioural are based on findings from empirical and experimental research. The lectures tion to bounded rationality theories, focusing on those theories' criticism of the concept. Learning Objectives Students understand behavioural models and formal arguments apply advanced microeconomic concepts challenge arguments critically. Teaching and Learning Methods lecture practice Module Entry Requirements Recommended: Core modules in Microeconomics Mode of End-Of-Module Examination Written test: WT (60) Prerequisites for Awarding of Credit Points Passing the written test. Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management Master of Arts Politikwissenschaft: 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 - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Specialization Section Economics Supplementary Section Section Economics Supplementary Section Management: Supplementary Section Sociology and Social Research Supplementary Section Information Management:		

9	Module Manager Fachbereich Mikroökonomik JunProf. 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 Experi	ments in Econo	omics	Contact Hours 60h	Self- Studies 120h	Course Language English	
2	Module Conten Latest issues in nomics and app	institution and		lus methods ar	nd theories use	d in behavioural eco-	
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 R No recommenda	-					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the write	_	f Credit Points				
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 UnivProf. Dr. Axel Ockenfels						
10	Miscellaneous Relevant reading	g will be annou	nced at the begin	ning of each te	rm.		

Specialisation Module Topics in Design and Behavior B							
Module Code 1289SMTD02		Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term	
1	Courses Topics in Design	n and Behavior	В	Contact Hours 60h	Self- Studies 120h	Course Language German and English	
2	Module Conten Latest issues in nomics and app	institution and	- ·	lus methods ar	nd theories use	d in behavioural eco-	
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 L lecture practice						
5	1	Module Entry Requirements No recommendations					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the write	_	f Credit Points				
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 UnivProf. Dr. Axel Ockenfels UnivProf. Dr.' Bettina Rockenbach						
10	Miscellaneous Relevant reading	g will be annou	nced at the begin	ning of each te	rm.		

Specialisation Module Topics in Design and Behavior C							
Module Code 1289SMTD03		Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term	
1	Courses Topics in Design	n and Behavior	С	Contact Hours 60h	Self- Studies 120h	Course Language German and English	
2	Module Conten Latest issues in nomics and app	institution and	- ·	lus methods ar	nd theories use	d in behavioural eco-	
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 Passing the write	_	f Credit Points				
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 UnivProf. Dr. Axel Ockenfels UnivProf. Dr.' Bettina Rockenbach						
10	Miscellaneous Relevant reading	g will be annou	nced at the begin	ning of each te	rm.		

Specialisation Module Topics in Design and Behavior D							
Module Cod 1289SMTD0	_	Workload 180h	ECTS Credits	Module Language German and English	Module Availability irregular	Duration 1 Term	
1	Courses Topics in Design	n and Behavior	D	Contact Hours 60h	Self- Studies 120h	Course Language German and English	
2	Latest issues in	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 th 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 L lecture practice						
5	Module Entry R	=					
6		Mode of End-Of-Module Examination Written test: WT (60)					
7	1 .	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	UnivProf. Dr. A	Module Manager UnivProf. Dr. Axel Ockenfels UnivProf. Dr. 6 Bettina Rockenbach					
10	Miscellaneous Relevant readin	g will be annou	nced at the begi	nning of each te	erm.		

SpM Mar	rket Design aı	nd Mechan	ism Design				
Module Code 1289MSMMD1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Matching and M Practice	arket Design: 1	heory and	Contact Hours 45h	Self- Studies 135h	Course Language English	
2	Module Conten Matching Marke		n Design with and	without monet	ary transfers		
3	Students understand le transfers analyse existi empirical analys	understand leading theoretical models of mechanism market design with and without monetary					
4	Teaching and L lecture practice						
5	1	Module Entry Requirements Recommendation: Knowledge of game theory					
6	Mode of End-O Combined exam						
7	Prerequisites for Passing the mod						
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: Supplementary Section Economic Research						
9	Module Manage UnivProf. Dr. A	er		a. O.11			

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 - sum- mer term	Duration 1 Term		
1	Courses Growth, Inequality and Structural Change Contact Hours 45h Self- Studies English							
2	Module Content 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 L lecture practice							
5	Module Entry R Recommendation	-	economics or CM	Advanced Mac	roeconomics I			
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod							
8	Supple Master of Arts R Econor Master of Arts P Supple Master of Science Supple Master of Science Supple Master of Arts R Econor Master of Science	ce Economics ization Section mentary Section Master Roolitikwissenschen Business Amentary Section Information mentary Section Information Master Robert Economic Face Economic Face Economic Face Information Master Robert Economic Face Information Inc.	n Economics on on China - Volkswir egional Studies Cl haft: on Political Science dministration - Fin on Finance Systems: on Information System Ost- und Mittelet egional Studies Ea	nina ee ance: stems uropa - Volksw astern Europe	irtschaftslehre:			

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

SpM Mar	kets and Eco	nomic Pol	icy III				
Module Code 1302MSMEP3		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Development Ed	conomics		Contact Hours 45h	Self- Studies 135h	Course Language English	
2	Introduction to Causes and co Risk and insur	Module Content 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	Students assess and di collect and an methods justify and det	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 po-					
4	Teaching and L lecture practice						
5	Module Entry R Recommendation	-	netrics or CM App	lied Economet	rics (Business /	Administration)	
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the mod	_					
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 Manage UnivProf. Dr. E						
10	Miscellaneous						

SpM Mai	kets and Eco	nomic Pol	icy IV					
Module Cod 1302MSME	-	Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Macroeconomic	s of the Labou	r Market	Contact Hours 45h	Self- Studies 135h	Course Language English		
2	Labour MarkeTheory of SeaThe Search arStructural LabLabour Marke	Module Content 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 L lecture practice							
5		on: CM Macroe mics (Business				CM Microeconomics o nics; CM Mathematics		
6	Mode of End-O Written test: WT		mination					
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 Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Economics Master Regional Studies Latin America
9	Module Manager UnivProf. Michael Krause, Ph.D.
10	Miscellaneous

SpM Mark	ets and Eco	nomic Pol	icy V					
Module Code 1302MSMEP5		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Determinants of	Growth in Eco	nomic History	Contact Hours 45h	Self- Studies 135h	Course Language English		
2	Introduction to cially geography	Module Content 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 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 L lecture practice							
5	Module Entry R Recommendation	-	netrics or CM App	lied Economet	rics (Business /	Administration)		
6	Mode of End-O Written test: WT		nination					
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 Manage UnivProf. Dr. E							
10	Miscellaneous							

Specialisation module: Seminar Markets and Institutions								
Module Code 1302SMSI00		Workload 180h	ECTS Credits	Module Language English	Module Availability every term	Duration 1 Term		
1	Courses Seminar Market	s and Institution	ns	Contact Hours 30h	Self- Studies 150h	Course Language English		
2	Current issues	Module Content Current issues relating to microeconomic theory, empirical microeconomics, experimental economics, markets and institutions in general.						
3	Students discuss the cu they have acqui read the theo summarise th ticipants.	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 par-						
4	Teaching and L	earning Meth	ods					
5	Module Entry R	-						
6	Mode of End-O Combined exam							
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	UnivProf. Dr. J	Module Manager UnivProf. Dr. Johannes Münster UnivProf. Dr. Susanne Prantl						
10	Miscellaneous							

Module Code 1289SMCP00		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term		
1	Courses Competition Poli	CoursesContact Hours 60hSelf- Studies 120hCourse Langua English						
2	Institutional ba Market power: Unilateral abuses	 Module Content 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	Students recognise, ba discuss the ca assess, evalu	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 L lecture practice							
5	-	Module Entry Requirements No recommendations						
6		Mode of End-Of-Module Examination Written test: WT (90)						
7	Prerequisites for Passing the write	_	of Credit Points					
8	Passing the written test. 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:							

	Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:
9	Module Manager UnivProf. Dr. Christoph Schottmüller
10	Miscellaneous

• Digital transfo • Political econo • Political econo • Political econo • Carriage Students • analyse curre • assess and di • critically evaluated • Caching and Lecture	s of media man enue structures rmation of media r ctives ent questions a iscuss findings	on media marke dia markets markets	Module Language English Contact Hours 60h	Module Availability every 2nd term - winter term Self- Studies 120h	Duration 1 Term Course Language English			
Media Economic Module Content Characteristic Cost and reve Digital transfo Political econo earning Object Students analyse curre assess and di critically evalue reaching and Lecture	s of media man enue structures rmation of media r ctives ent questions a iscuss findings	on media marke dia markets markets	Hours 60h	Studies				
• Characteristics • Cost and reve • Digital transfo • Political econo • Political econo • Carning Object • C	s of media manue structures rmation of media romy of media rectives	on media marke dia markets markets	es					
Students analyse curre assess and d critically evalu Feaching and L ecture	ent questions a iscuss findings	nd challenges						
ecture		and research res	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.					
n acuc c	Teaching and Learning Methods lecture practice							
Module Entry Requirements None								
Mode of End-Of-Module Examination Written test: WT (60)								
Prerequisites for	_	of Credit Points on						
Supple Master of Arts P Supple Master of Science Supple	ce Business Amentary Section of Politikwissensol mentary Section of Business Amentary Section of Busine	dministration - Su on Supply Chain I haft: on Political Science dministration - Fir on Finance Systems: on Information Sy dministration - Co on Corporate Dev in Economics on al Management: on International M dministration - Ma on Marketing Research:	Management ee nance: stems rporate Develo elopment anagement urketing:					
	Supple laster of Arts F Supple laster of Scien Supple	Supplementary Section	Supplementary Section Supply Chain Master of Arts Politikwissenschaft: Supplementary Section Political Science Business Administration - Fire Supplementary Section Finance Buster of Science Information Systems: Supplementary Section Information Systems: Supplementary Section Information - Consupplementary Section Corporate Develocation Specialization Section Economics Supplementary Section Economics Supplementary Section Buster of Science International Management: Supplementary Section International Master of Science Business Administration - Master of Science Business Administration - Master of Science Economic Research: Supplementary Section Economic Research: Supplementary Section Economic Research:	Supplementary Section Supply Chain Management laster of Arts Politikwissenschaft: Supplementary Section Political Science laster of Science Business Administration - Finance: Supplementary Section Finance laster of Science Information Systems: Supplementary Section Information Systems laster of Science Business Administration - Corporate Develor Supplementary Section Corporate Development laster of Science Economics: Specialization Section Economics Supplementary Section laster of Science International Management: Supplementary Section International Management laster of Science Business Administration - Marketing: Supplementary Section Marketing laster of Science Economic Research: Supplementary Section Economic Research	laster of Arts Politikwissenschaft: Supplementary Section Political Science laster of Science Business Administration - Finance: Supplementary Section Finance laster of Science Information Systems: Supplementary Section Information Systems laster of Science Business Administration - Corporate Development: Supplementary Section Corporate Development laster of Science Economics: Specialization Section Economics Supplementary Section laster of Science International Management: Supplementary Section International Management laster of Science Business Administration - Marketing: Supplementary Section Marketing laster of Science Economic Research:			

	Supplementary Section Business Education
9	Module Manager UnivProf. Dr. Johannes Münster
10	Miscellaneous

CM Health Economics III							
Module Co 1282MBHH		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Information prob	olems in health	care markets	Contact Hours 60h	Self- Studies 120h	Course Language English	
2	Relevant playeRelationships	Module Content 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	Students analyse curre assess and di justify and det	Learning Objectives Students 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 L lecture practice						
5	Module Entry R	Module Entry Requirements none					
6	1	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 Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education						
	Master of Science Supple		esearch: on Economic Rese	earch			

,	9	Module Manager UnivProf. Dr. Christoph Schottmüller
1	10	Miscellaneous

Specialisation module Topics in Markets and Institutions A							
Module Code 1302SMTM02		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term	
1	Courses Topics in Marke	ts and Institutio	ons A	Contact Hours 60h	Self- Studies 120h	Course Language English	
2	What is regula Institutional ba Natural monop Access to one Access to two Consumer pro	Module Content • 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	Students describe why analyse the p	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 L 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	Master of Sciend Special Supple Master of Sciend	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 Manage UnivProf. Dr. C		ttmüller				
10	Miscellaneous The courses will	be held weekl	y during term or i	n the form of bl	ock tuition.		

Specialisa	ation Module	Topics in	Markets and	d Institutio	ns 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 Course Langua a) English b) English b) English						
2	Empirical indu Empirical mod Competition p	Module Content • Empirical industrial economics • Empirical modelling, econometric methods and economic theory • Competition policy and regulation • Use of statistical and econometric software					
3	Students practise apply based on fundar mation of produc thereby gain a	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 UnivProf. Dr. Susanne Prantl						
10	exercise units. In practise applying	n the latter, the g empirical met	students learn ho	ow to use statis ustrial economi	tical and econd cs. Additional in	ctures and integrated ometric software and nformation will be	

SpM Emp	irical Method	ds and Dat	ta Analysis I				
Module Code 1314MSEMD		Workload 180h	ECTS Credits	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 b) 45h b) 45h Course Langua a) English b) English b) English						
2	Foundations of Theory of point Theory of hypersections	Module Content • 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	Students	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:						

	Master of Science Economic Research: Supplementary Section Economic Research 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
9	Module Manager UnivProf. Dr. Dominik Wied
10	Miscellaneous

		NA	E070 0 !!!			5	
Module Code 1314MSEMD3		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses a) Time Series E b) Stochastic Mo c) Topics in Eco	odels and Prod		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	a)Time Series E ARMA Models State-Space M Models for No Multivariate Ti Non-Stationar b) Stochastic M Deepening top bootstrap nonparametric nonparametric Brownian moti	Module Content a)Time Series Econometrics: • ARMA Models • State-Space Models • Models for Non-Stationary Time Series • Multivariate Time Series Models • Non-Stationarity in Multivariate Time Series b) Stochastic Models and Processes: • Deepening topics in statistical inference • bootstrap • nonparametric density estimation • nonparametric tests (e.g. for independence) • Brownian motions • Poisson processes • Markov processes					
3	Learning Objectives Students understand advanced, specialized theories / methods analyse current questions and challenges collect and analyse data material for selected scientific questions using quantitative / qualitative methods.						
4	Teaching and L lecture practice						
5	1	Module Entry Requirements Recommendation: Solid basic knowledge of probability theory					
6		Mode of End-Of-Module Examination Written test: WT (90)					
7	Passing the writ	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:						

	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
	Master of Science Economic Research:
	Specialization Section Economic Research
	Supplementary Section Economic Research
	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
9	Module Manager
	UnivProf. Dr. Dominik Wied
10	Miscellaneous

SpM Emp	oirical Metho	ds and Dat	ta Analysis I	V		
Module Code 1314MSEMD4		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses a) Statistical Ana b) Topics in Eco	-		Contact Hours a) 45h b) 45h	Self- Studies a) 135h b) 135h	Course Language a) English b) English
2	Module Content 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 CN Applied Econometrics (Business Administration) or CM Advanced Econometrics					
6	Mode of End-O Written test: WT		mination			
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:					

	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
9	Module Manager UnivProf. Dr. Roman Liesenfeld
10	Miscellaneous

SpM Empirical Methods and Data Analysis V							
Module Code 1314MSEMD5		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer 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	d) Topics in Econometrics and Statistics V c) 45h c) 135h d) English					analyse economic	
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.						

4	Teaching and Learning Methods lecture practice
5	Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics
6	Mode of End-Of-Module Examination Oral examination: OE
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 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
9	Module Manager Dr. Bastian Gribisch
10	Miscellaneous

Specialisation Module Topics in Macroeconomics and Public Policy								
Module Code 1302TMPP01		Workload 180h ECTS Credits 6 Module Language English		Language	Module Availability irregular	Duration 1 Term		
1	Courses Tax Policy			Contact Hours 60h	Self- Studies 120h	Course Language English		
2	Optimal taxatiOptimal tax stOptimal tax poNew dynamicPolitical econd	Module Content 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	Students are aware of opolicy issues apply the info	are aware of current research findings in the theory of taxation and its implications for current tax						
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	Requirements						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the write	_	f Credit Points					
8	Master of Sciend Special Supple Master of Sciend	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 Manage UnivProf. Dr. A		ert					
10	Miscellaneous							

Specialisation Module Seminar Statistics and Econometrics								
Module Code 1314SMSS00		e Workload EC		Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	1 Courses Seminar in Statistics and Econometrics			Contact Hours 30h	Self- Studies 150h	Course Language German and English		
2	The seminar co Time series ar Microeconome Macreconome Panel econom Financial mark Bayesian ecor Non-parametr Analysis of sto	Module Content The seminar covers topics from areas such as: Time series analysis Microeconometrics Macreconometrics Panel econometrics Financial market econometrics and statistics Bayesian econometrics and statistics Non-parametric methods Analysis of stochastic processes Statistical inference						
3	Students analyse speci critically asse apply contem data.	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						
4	Teaching and L	earning Meth	ods					
5	 	Core module I	Econometrics I an	-		lvanced Statistics		
6	Mode of End-O Combined exam							
7	Prerequisites for Passing the com	_						
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:							

	Supplementary Section Corporate Development Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation				
9	Module Manager UnivProf. Dr. Jörg Breitung UnivProf. Dr. Roman Liesenfeld UnivProf. Dr. Dominik Wied				
10	Miscellaneous				

Stduies Abroad in Economics A							
Module Code 1287STiE01	•	Workload 180h	ECTS Credits	Module Language	Module Availability every term	Duration 1 Term	
1	Courses			Contact Hours	Self- Studies	Course Language	
2	Module Conten	t					
3	Learning Object Students	tives					
4	Teaching and Learning Methods depending on course choice						
5	Module Entry Requirements depending on course choice						
6	Mode of End-O TR - depending						
7	Prerequisites fo	or Awarding o	f 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.anrechnungwiso.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.						

Stduies A	Stduies Abroad in Economics B							
Module Code 1287STiE02		Workload 180h	ECTS Credits	Module Language	Module Availability every term	Duration 1 Term		
1	Courses			Contact Hours	Self- Studies	Course Language		
2	Module Conten	t						
3	Learning Object Students	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.anrechnungwiso.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.							

			1		I			
Module Code 1302MBAMT1		Workload 180h ECTS Credits		Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Advanced Mathe	Courses Advanced Mathematics for Economists			Self- Studies 120h	Course Language English		
2	Overview of el Metric and sta Linear algebra Differential cal	Module Content Overview of elementary mathematical concepts Metric and standardized spaces Linear algebra Differential calculus and applications Convex sets and concave functions Optimisation						
3	Students apply mathem	Learning Objectives Students apply mathematical argumentation and proof techniques correctly formulate economic problems occurring in research mathematically and solve them.						
4	Teaching and L lecture practice							
5	Module Entry R	Requirements						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod	_						
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 Module Manager							

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

10 Miscellaneous

			T	1		CM Advanced Microeconomics I								
Module Code 1289MBAMI1		Workload 180h	ECTS Credits 6 Module Languag English		Module Availability every 2nd term - winter term	Duration 1 Term								
1	Courses Advanced Micro	Courses Advanced Microeconomics I			Self- Studies 120h	Course Language English								
2	Module Conten • Theory of hou • Theory of the • Market equilib	sehold and de enterprise and												
3	Students understand m are proficient of individual dec use mathema	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 interven												
4	Teaching and L lecture practice													
5	Module Entry R	-	knowledge of mi	croeconomics	and mathematic	es								
6	Mode of End-O Written test: WT		mination											
7	Prerequisites for Passing the mod													
8	Supple Master of Science	ce Business Amentary Section Business Amentary Business Am	dministration - Su on Supply Chain M dministration - Fin on Finance Systems: on Information Syd dministration - Ma on Marketing dministration - Co on Corporate Dev dministration - Accounting and	Management lance: stems liketing: rporate Develoelopment counting and T	pment:									

9	Module Manager UnivProf. Dr. Johannes Münster
10	Miscellaneous

CM Advanced Microeconomics II								
Module Code 1289MBAMI2		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Advanced Microeconomics II			Contact Hours 60h	Self- Studies 120h	Course Language English		
2	 Dynamic game principle, bargai Static games Dynamic games signalling games Mechanism de 	with complete es with complete ining, forward i with incomplete es with incomplete ses with incomplete in and social sesign and social es with complete in a secial es with incomplete in a secial es with complete in a secial es with a secial es with complete in a secial es with a secial establishment est	ete information: sunduction e information: Bay olete information: l al preferences agg	sh Equilibrium, Mixed Strategies subgame perfect Nash Equilibrium, one-shot deviation ayesian Nash Equilibrium, auctions : Perfect Bayesian Nash Equilibrium and refinements ggregation nechanism 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 L lecture practice							
5	Module Entry R	Requirements						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod							
8	Supple Master of Science	ce Business Admentary Section Business Admentary Bus	dministration - Supon Supply Chain Maninistration - Find Find Find Find Find Find Find Find	Management ance: stems rketing: rporate Developelopment counting and Ta	pment:			

	Specialization Section Economic Research
9	Module Manager UnivProf. Dr. Christoph Schottmüller
10	Miscellaneous

CM Adva	anced Macroe	conomics	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 Macro	oeconomics I		Contact Hours 60h	Self- Studies 120h	Course Language English			
2	Module Content 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 advance 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 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 L lecture practice								
5	Module Entry R	Requirements							
6	Mode of End-O Written test: WT		mination						
7	I	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 Specialization Section Economic Research
9	Module Manager UnivProf. Dr. Peter Funk
10	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.

CM Advanced Macroeconomics II								
Module Code 1302MBAMA2		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Advanced Macro	peconomics II		Contact Hours 60h	Self- Studies 120h	Course Language English		
2	Module Content 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 efficier 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 tradeoffs question and assess societal developments, in particular, inequality and unemployment, and reflect current policy measures with regard to potential research projects.							
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	Requirements						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the modern							
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 Specialization Section Economic Research
9	Module Manager UnivProf. Michael Krause, Ph.D. UnivProf. Dr. Andreas Schabert
10	Miscellaneous Useful references are Ljungqvist, Lars and Thomas J. Sargent (2012). Recursive mac-roeconomic theory. 3rd ed. Cambridge, MA: MIT Press; Gali, J. (2015) Monetary Policy, Inflation, and the Business Cycle An Introduction to the New Keynesian Framework and Its Applications, 2nd ed., Princeton University Press. Schmitt-Grohe, S., and Uribe M. (2017). Open Economy Macroeconomics, Princeton University Press

CM Adv	anced Econor	netrics 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 Econ	ometrics: Theo	ory	Contact Hours 60h	Self- Studies 120h	Course Language English		
2	The classic line Tests in the classic line Specification of Generalised line Panel data regentime series en Instrument Va	Module Content 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 cor tributions 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 L lecture practice							
5	Module Entry R	Requirements						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod	•						
8	Master of Science Supple	ce Business Admentary Section Ce Business Admentary Section Ce Information Ce Business Admentary Section Ce Business Admentary	Management nance: stems rketing: rporate Develoelopment counting and T	ppment:				

	Supplementary Section Master of Science Economic Research: Core and Advanced Section Economic Research Specialization Section Economic Research
9	Module Manager UnivProf. 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.

 Regression dis Robust standa Structural estin Learning Object Students implement estin discuss situat apply appropri 	causal effects and difference- scontinuity des ard errors and c mates with exp	in-difference estir igns clustering	Module Language English Contact Hours 60h	Module Availability every 2nd term - sum- mer term Self- Studies 120h	Duration 1 Term Course Language English		
Module Conten • Evaluation of o • Fixed effects a • Regression dis • Robust standa • Structural estil Learning Object Students implement estil discuss situat apply appropri	causal effects and difference- scontinuity des ard errors and c mates with exp	in-difference estir igns clustering	Hours 60h	Studies			
Evaluation of of a Fixed effects a Regression dis Robust standa Structural estimates Examing Object Students implement estimates in discuss situat apply appropri	causal effects and difference-i scontinuity des ard errors and c mates with exp	igns clustering	nator				
Students implement esi discuss situat apply appropr	tives						
•	Learning Objectives Students 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.						
Teaching and Learning Methods lecture practice							
Module Entry Requirements none							
Mode of End-Of-Module Examination Combined examination: PRES, TP							
-	_						
Master of Science Supplet	ce Business Ac mentary Section ce Business Ac mentary Section ce Information of mentary Section ce Business Ac mentary Section ce Business Ac mentary Section ce Economics: mentary Section ce Economics R	Imministration - Sum Supply Chain Maninistration - Find Finance Systems: Imministration - Maninistration - Maninistration - Control Corporate Develop Accounting and Parketing Imministration - Accounting and Parketing Imministration - Accounting and Parketing Imministration - Accounting Imministration - Accoun	Management ance: stems rketing: rporate Develo elopment counting and T	pment:			
	Passing the mod Other Program Master of Science Supple Master of Science Core al	Passing the module examination Other Programmes that Use Master of Science Business Act Supplementary Section Master of Science Business Act Supplementary Section Master of Science Information Supplementary Section Master of Science Business Act Supplementary Section Master of Science Economics: Supplementary Section Master of Science Economics Supplementary Section Master of Science Economic R Core and Advanced S	Supplementary Section Supply Chain Master of Science Business Administration - Fin Supplementary Section Finance Master of Science Information Systems: Supplementary Section Information Systems of Science Business Administration - Master of Science Business Administration - Consupplementary Section Marketing Master of Science Business Administration - Consupplementary Section Corporate Deviction Accounting and Supplementary Section Accounting and Master of Science Economics: Supplementary Section Master of Science Economics: Supplementary Section Master of Science Economic Research: Core and Advanced Section Economic	Passing the module examination Other Programmes that Use the Module Master of Science Business Administration - 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 Develo Supplementary Section Corporate Development Master of Science Business Administration - Accounting and T Supplementary Section Accounting and Taxation Master of Science Economics: Supplementary Section	Passing the module examination 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 UnivProf. 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.

			T	ī	T				
Module Co 1289MSMN		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term			
1	Courses Matching and M Practice	Matching and Market Design: Theory and Hours Studies English							
2		Module Content Matching Markets, Mechanism Design with and without monetary transfers							
3	Students understand le transfers analyse existi empirical analys	understand leading theoretical models of mechanism market design with and without monetary							
4	Teaching and L lecture practice								
5	1	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: Supplementary Section Feonomic Research								
9		Specialization Section Economic Research Module Manager							

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SpM Political Economy and Media Economics								
Module Code 1302MSPME		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Political Economics and Media EconomicsContact Hours 45hSelf- Studies 135hCourse Language English							
2	Module Content • Aggregation of preferences and information on socially relevant issues • Models of political competition in democracies, e.g. on social issues, taxation and redistribution • Behavioural economic aspects of political competition • Interaction of media markets and politics							
3	Learning Objectives Students know 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 UnivProf. Dr. Johannes Münster							
10	Miscellaneous							

SpM Adv	vanced Public	Economi	cs					
Module Code 1302MSAPE1		Workload 180h ECTS Cred		Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Advanced Public	c Economics		Contact Hours 45h	Self- Studies 135h	Course Language English		
2	Optimal incom Optimum excis Optimal comb Taxation of ca Corporate taxa Political econd Sufficient stati Perturbation n	Module Content 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 L lecture practice							
5	Recommendation	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-O Written test: PO		mination					
7	Prerequisites for Passing the modern	_						
8	Master of Science Special Supple Master of Science Special Master of Science	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 UnivProf. 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 - sum- mer term	Duration 1 Term			
1	Courses Behavioural Eco	onomics		Contact Hours 45h	Self- Studies 135h	Course Language English			
2	Departing from ods that are of p sis, treatment ef	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 thei 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 L lecture practice								
5	1	Module Entry Requirements Recommendation: Core Module Advanced Microeconomics I							
6	Mode of End-O Written test: PO		mination						
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 UnivProf. Dr.' Pia Pinger							
10	Miscellaneous								

SpM Fric	ctions, Techno	ology, and	Inequality					
Module Code 1302MSFTI1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Technical Chan	ge, Labour, and	d Inequality	Contact Hours 45h	Self- Studies 135h	Course Language English		
2	Balanced and skilled labour, are Directed techner Automation in Blessing? Roboto Persistent inecessive Polarization in Technical challabour market poets.	Module Content 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 o 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 inequity 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 L lecture practice							
5	Recommended:	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	Master of Science Supple Master of Science	Other Programmes that Use the Module Master of Science Economics: Supplementary Section Master of Science Economic Research: Specialization Section Economic Research						

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

SpM Emp	irical Metho	ds and Dat	a Analysis I					
Module Code 1314MSEMD2		Workload 180h	ECTS Credits	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	Limited depen Evaluation of t Duration analy	Module Content • 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	Recommendation	Module Entry Requirements Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics						
6	Mode of End-O Written test: WT		mination					
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 Manage UnivProf. Dr. J							
10	Miscellaneous	Miscellaneous						

		M	E070 0 I''.			5		
Module Code 1314MSEMD3		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses a) Time Series E b) Stochastic Mo c) Topics in Eco	odels and Prod		Contact Hours a) 45h b) 45h c) 45h	Self- Studies a) 135h b) 135h c) 135h	Course Language a) English b) English c) English		
2	Module Content a)Time Series Econometrics: • ARMA Models • State-Space Models • Models for Non-Stationary Time Series • Multivariate Time Series Models • Non-Stationarity in Multivariate Time Series b) Stochastic Models and Processes: • Deepening topics in statistical inference • bootstrap • nonparametric density estimation • nonparametric tests (e.g. for independence) • Brownian motions • Poisson processes • Markov processes							
3	Course c) Topics in Econometrics and Statistics III will be offered if available. 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 L lecture practice							
5	1	Module Entry Requirements Recommendation: Solid basic knowledge of probability theory						
6		Mode of End-Of-Module Examination Written test: WT (90)						
7	Passing the writ	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							

10	Miscellaneous
9	Module Manager UnivProf. Dr. Dominik Wied
9	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 Master of Science Economic Research: Specialization Section Economic Research Supplementary Section Economic Research 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 Science Economics: Specialization Section Economics

Module Code 1014SAEr01		Workload ECTS Credits 360h 12	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	Students describe appr tional perspective explain internence discuss and county and social science develop new i	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								
4		Teaching and Learning Methods depending on course choice								
5	1	Module Entry Requirements No recommendations								
6	Mode of End-O									
7		Prerequisites for Awarding of Credit Points Depends on chosen course								
8	Supple Master of Science Supple Master of Science Supple Master of Arts P Supple Master of Science Supple Master of Educate Supple Master of Science	ce Business Admentary Section ce Economics: mentary Section ce Sociology at mentary Section ce Business Admentary Section Wirtschaft mentary Section Ce Business Admentary Section ce Busi	dministration - Supon Supply Chain Monard Social Research Sociology and paft: In Political Science dministration - Finance spädagogik/Lehran Business Educ Systems: In Information - Maion Marketing dministration - Conformation - C	Management ch: Social Research e ance: amt an Berufsk ation stems rketing:	ch ollegs: pment:					

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 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.

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

3.6.4 Masterthesis Economics

Made	o Codo Worklood ECTS Credite Medule Medule Duration									
Module Code 1287MaEc00		Workload FCTS 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	Students are familiar w their own indepe identify quest work on these formulate their research draw up a res organise and independently discuss theor sons with an inte	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								
4	Teaching and L Master's Thesis	_	ods							
5	Module Entry F	-								
6	Mode of End-O Written test 6 m		mination							
7	Prerequisites for Passing the write	_	f Credit Points							
8	Master of Scien	Other Programmes that Use the Module Master of Science Economics: Masterthesis Economics								
9	_	Module Manager UnivProf. Michael Krause, Ph.D.								
10	Miscellaneous The master's the									