# 2024/25

Please keep in mind the year of validity.

FACULTY OF MANAGEMENT, ECONOMICS AND SOCIAL SCIENCES

UNIVERSITY OF COLOGNE

VICE DEAN OF STUDIES DEPARTMENT

valid for students of the Examination Regulations 2021

(enrolment from winter semester 2021/22)



# **MODULE CATALOGUE**

INTERNATIONAL MANAGEMENT

MASTER OF SCIENCE

IN ACCORDANCE WITH THE EXAMINATION REGULATIONS FOR THE SINGLE MAJOR MASTER PROGRAMME IN INTERNATIONAL MANAGEMENT



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# List of abbreviations

AM	Advanced module	PRES	Presentation
AS	Assignment	SI	Studium Integrale
С	Course	SpM	Specialisation module
CC	Compulsory course	SuM	Supplementary module
СН	Contact hours (= time spent in class)	SPW	Semester period per week
СМ	Core module	SSt	Self-study
EC	Elective course	TP	Term paper
ECTS	Credit point (ECTS)	TPF	Time required for preparation and follow-up
OE	Oral examination	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 Master's in international management (CEMS MIM)

The Master's Programme in International Management (CEMS MIM) prepares students for the challenges of international competition. The aim of the programme is for students to gradually amass a profound knowledge of the subjects covered as well as acquiring social skills and the ability to seamlessly transfer research findings into practice. Cooperation in and with intercultural teams plays a pivotal role on the programme, and the focus is on a career in a multinational or global company or institution.

In line with these objectives, the programme has an international outlook and places a strong emphasis on application in practice. In addition to subjects, skill seminars and business projects that take an international approach, the programme includes a term at a CEMS institution of higher education in another country.

## 1.1 Content and objectives of the programme

The master's degree corresponds to level 7 of the German Qualifications Framework/European Qualifications Framework, and to the master's level of the German Qualifications Framework for University Degrees. The competencies which are acquired during the course of studies are listed below as "Intended Learning Outcomes". These Intended Learning Outcomes are comprised of "Learning Goals" and "Learning Objectives". The former are superordinate goals for the graduates of this study programme, while the latter refer to concrete tasks performed by the students.

Graduates act as/with... ...management experts for strategic decisions in globally operating companies. Students will grasp and evaluate theories and concepts in the areas of corporate design and development, strategic management as well as intercultural management and communication. Students derive patterns of action for corporate management of globally operating companies Subject-related and analytical based on theory. ...problem-solvers in order to optimize international management processes in the long competencies term. The students apply subject-specific theories and concepts to known and unknown, practice-related problem areas, especially in the context of international corporate management. Students analyze current economic challenges in an international context and apply mathematical and statistical methods in a solution-oriented manner. ...scientifically working analysts for complex problems in international management. Students review and evaluate management and research methods in the areas of international strategy, management and intercultural communication. Students independently write academic papers based on independently analyzed academic literature on a selected topic.

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and e es	leaders to address challenges in a global and diverse world.
Communicative cooperative competencies	Students work in a goal-oriented and responsible manner in (international) teams.
muni	Students develop an understanding of leadership roles in intercultural and diverse contexts.
Com	Students discuss independently developed scientific positions and solution strategies with people from theory and / or practice in English.
al cies	self-reflective decision makers who face social, ethical, economic and ecological challenges of the future.
Personal	Students develop social, ethical, economic and environmental criteria for responsible business decisions, effective leadership styles and sustainable social action.
_ loo	Students design their learning and work processes independently.

An additional modern language is a required part of the curriculum. The programme includes a term abroad plus practical components, which are conducted in collaboration with businesses and enable students to apply what they have learnt. This approach ensures that they amass extensive international and practical experience. The practical nature of the programme is underlined by the Business Project (consulting project), carried out in close cooperation with a company. There are also special, compulsory seminars on leadership and social skills. As well as learning the basics of international management, the students specialise in another area of Business Administration or Economics offered at the University of Cologne.

### 1.2 Requirements

The admission requirement for the study programme is a first professionally qualifying degree in a relevant bachelor's programme of at least six semesters' duration, in which at least 180 credit points were acquired, or an equivalent successfully completed course of study with a final grade of 2.5 or better. Furthermore, English language skills at level C1 according to the Common European Framework of Reference for Languages are required at the beginning of the programme.

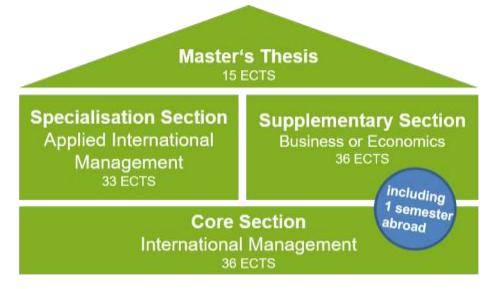
These and other subject-related requirements for the course of study are defined in the <u>admission regulations</u>.

As today's international business environment requires the ability to communicate in English, the programme is delivered entirely in English. Students must prove that they have C1 Level English skills and a command of a second foreign language (see <a href="https://www.cems.org/mim/how-to-apply/common-application-requirement">https://www.cems.org/mim/how-to-apply/common-application-requirement</a>).

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## 1.3 Programme structure

The programme is divided into four semesters. Students spend the first two semesters in Cologne, where they learn the basics of international management. In the second year, one semester is spent on a compulsory placement at one of the CEMS academic partner institutions. Which specific semester you are on placement depends on capacity. Individual study plans vary depending on which semester is spent abroad (see the curriculum shown in 3.1).



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## 1.4 Integrated Study Abroad Semester: Process

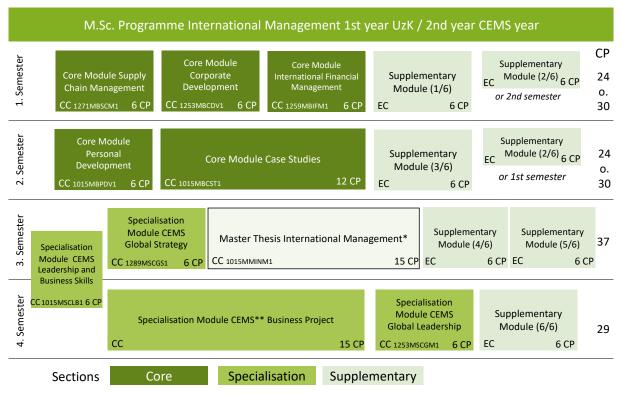
An integral part of the study programme is the provision of part of the credit points abroad at one of the CEMS partner universities. The WiSo Faculty is part of the CEMS network with 33 CEMS partner universities worldwide, which forms the basis for numerous international activities and offers an attractive portfolio of international study opportunities and exchange programmes.

Students of the CEMS MIM Master's program spend their second semester abroad and are free of tuition fees. The allocation of the semester abroad takes place in January of the first academic year. The selection is based on the personal scores of the master's application and the preference list of the respective students. The number of foreign semester slots per CEMS University depends on the annual slot availability. You can find the exact step-by-step procedure for the distribution of semesters abroad in this **document**.

The <u>CEMS Office Cologne (ZIB WiSo)</u> coordinates all activities concerning international cooperation and exchange for CEMS students. The CEMS Core Courses completed abroad and certain courses in the field of the electives are credited by the examination office of the WiSo Faculty upon application to the CEMS Office Cologne. The respective study plan depends on the semester studied abroad (see study plan in 3.1).

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## 1.5 Sample study plan



All courses of the 2<sup>nd</sup> year (CEMS year) can also be studied abroad (except for the master thesis).

## 1.6 Modules with mid-term examinations

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

The information regarding the dates of courses and examinations can be found in the campus management system (KLIPS).

#### 1.7 Calculation of the overall mark

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

<sup>\*</sup> Students can do their master thesis in the 3<sup>rd</sup> or 4<sup>th</sup> semester depending on the timing of their semester abroad.

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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. For the International Management programme, the weighting towards the overall mark is as follows:

a) Mark for core subjects: 36 of 120 ECTS credits

b) Mark for specialisations: 33 of 120 ECTS credits

c) Mark for supplementary subjects: 36 of 120 ECTS credits

d) Mark for master's thesis: 15 of 120 ECTS credits.

## 1.8 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 ECTS 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 ECTS 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 can only register for a second attempt after the result of their first attempt being announced.

# 2 Support for students

## 2.1 First Point of Contact for Questions and Counselling

The <u>WiSo Student Service Point</u> (WissPo) is the first, central contact point for students who have questions and problems during their studies. WissPo is also the first point of contact for further counselling offers, e.g. studying abroad, wellbeing, careers guidance. Students can contact WissPo via phone, email or visit in person. Please take note of the opening times and contact details on the website.

The <u>CEMS Office Cologne</u> helps with all topics concerning the CEMS MIM programme and gives advice on study planning, credit transfer of CEMS requirements and all other questions concerning the CEMS programme.

## 2.2 Course registration in KLIPS 2.0

KLIPS 2.0 is the central campus management system of the University of Cologne. At the WiSo Faculty, KLIPS 2.0 serves as a student organisation tool. Students should use it as an online course catalogue, for registration and deregistration of courses and examinations, as well as an overview of the complete study programme and calendar. Information on current dates and deadlines of the WiSo faculty, as well as video tutorials and FAQs about KLIPS can be found on the WiSo-KLIPS-Support website. If you have further questions, please contact WiSo-KLIPS-Support via this contact form. For questions regarding your KLIPS account, please contact the central KLIPS support team.

#### 2.3 Exam registration in KLIPS 2.0

Examinations for the programme are always managed via KLIPS 2.0. Students must register for examinations by the specified deadlines. Please note that the registration for courses without restrictions on participation and the registration for the corresponding module examinations are two separate processes in KLIPS 2.0. In courses where participation restrictions exist, the examination registration is generally only possible if the course registration has been submitted beforehand. Most module examinations with a written test format are offered twice per semester. Often, this will be to "space out" the dates, i.e. students can choose the date that best fits their examination schedule. In some cases, however, the second examination may be a genuine repetition of the first, depending on the department/institute concerned.

All examination candidates at the faculty are entitled to see their examination papers after they have been marked. For more information, please visit the <u>WiSo Examination Office</u> website.

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Legally binding information concerning examinations and examination procedures is provided by the <u>WiSo Faculty Examination Office</u>. It also issues transcripts of records in German and English, ranking certificates and letters of assignment to the appropriate term of the programme. All the necessary information and contact details can be found on the <u>examination</u> office website.

# 3 Curriculum and module descriptions

# 3.1 Core section (CEMS Exclusives)

Im Basisbereich gemäß § 28 Absatz 22 Nr. 1 der geltenden Prüfungsordnung müssen die zu Prüfenden 36 LP erwerben.

Group	Module	ECTS	CC/ EC	Required ECTS
	CM Corporate Development	6	CC	36
Exclusives Section	CM International Financial Management	6	CC	
Exclusiv e Section	CM Supply Chain Management	6	СС	
CEMS E	CM Case Studies	12	СС	
	CM Personal Development	6	CC	

# 3.2 Specialisation section (CEMS Exclusives)

Im Schwerpunktbereich gemäß § 28 Absatz 22 Nr. 2 der geltenden Prüfungsordnung müssen die zu Prüfenden 33 LP erwerben.

Group	Module	ECTS	CC/ EC	Required ECTS
es tion	SpM CEMS Global Strategy	6	СС	33
Exclusives ation Secti	SpM CEMS Global Leadership	6	СС	
CEMS Exclusives Specialisation Section	SpM CEMS Business Project	15	СС	
Spe	SpM CEMS Leadership and Business Skills	6	CC	

# 3.3 Supplementary section

Im Ergänzungsbereich gemäß § 28 Absatz 22 Nr. 3 der geltenden Prüfungsordnung müssen die zu Prüfenden 36 LP erwerben.

Group	Module	ECTS	CC/ EC	Re- quired ECTS
	SpM Controlling I	6	EC	36
	SpM Controlling II	6	EC	
	SpM Taxation I	6	EC	
	SpM Accounting I	6	EC	
	SpM Accounting II	6	EC	
	SpM Advanced Accounting	6	EC	
	SpM Accounting & Taxation Seminar	6	EC	
	SpM Selected Issues in Accounting & Taxation I	6	EC	
ion	SpM Business Ethics	6	EC	
y Sect	SpM Strategic Development	6	EC	
entar	SpM Strategic Human Resource Management	6	EC	
pplem	SpM Strategic Management	6	EC	
CEMS Supplementary Section	SpM Elective Corporate Development I	6	EC	
CEN	SpM Elective Corporate Development II	6	EC	
	SpM Finance I	6	EC	
	SpM Finance II	6	EC	
	SpM Finance III	6	EC	
	SpM Finance Advanced IV	6	EC	
	SpM Brand Management	6	EC	
	SpM Customer Management	6	EC	
	SpM Marketing Performance Management	6	EC	
	SpM Digital Strategy and Marketing	6	EC	

CM Supply Chain Analytics I  SpM Supply Chain Operations  SpM Supply Chain Planning  6 EC  SpM Selected Issues in Behavioural Supply Chain Management¹  SpM Supply Chain Innovation¹  6 EC  CM Information Systems I  6 EC  CM Information Systems II  6 EC  SpM Seminar Information Systems II  6 EC  SpM Seminar Information Systems II  6 EC  CM Comparative Political Institutions  6 EC  CM Comparative Political Economy  6 EC  CM International Relations  6 EC  CM European Politics  SpM Special Topics Political Science I  SuM Economic Geography II  SuM Economic Geography III  6 EC  SuM Economic Geography IV  SuM Economic Geography IV  SuM Economic Geography IV  SuM Introduction to Economic Psychology  SpM Selected Issues in International Management II  6 EC  SpM Selected Issues in International Management II  6 EC  SpM Sempirical Methods and Data Analysis II  6 EC  SpM Empirical Methods and Data Analysis II  6 EC				
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	SpM Empirical Methods and Data Analysis II	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	
	SpM Market Design and Behaviour I	6	EC	
	SpM Market Design and Behaviour II	6	EC	
	SpM Market Design and Behaviour V	6	EC	
	SpM Markets and Economic Policy I	6	EC	
	SpM Markets and Economic Policy II	6	EC	
	SpM Markets and Economic Policy III	6	EC	
	SpM Markets and Economic Policy IV	6	EC	
	SpM Selected Issues in Supply Chain Management I <sup>2</sup>	6	EC	
	SpM Selected Issues in Supply Chain Management II <sup>3</sup>	6	EC	
	SpM Selected Issues in Supply Chain Management III⁴	6	EC	
	SpM Energy and Climate Change I⁵	6	EC	
	SpM Energy and Climate Change II <sup>6</sup>	6	EC	
	SpM Energy and Climate Change III <sup>7</sup>	6	EC	
	SpM Energy and Climate Change IV <sup>8</sup>	6	EC	
	SpM Energy and Climate Change V	6	EC	
	CM Macroeconomics	6	EC	
	CM Selected Methods in Economics	6	EC	
	SpM Media Economics	6	EC	
	CM Applied Econometrics (Business Administration)	6	EC	
	CM Microeconomics (Business Administration)	6	EC	
	CM Mathematics	6	EC	
	CM Data Analytics I	6	EC	
	CM Data Analytics II	6	EC	
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CN	M Data Analytics III	6	EC	
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CN	M Data Analytics V	6	EC	
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<sup>&</sup>lt;sup>1</sup> This module was offered for the last time according to the planned rotation in the academic year 2023/2024.

<sup>&</sup>lt;sup>2</sup> It is no longer possible to register for the examination if the "SpM Supply Chain Innovation" examination has previously been successfully completed. Recognition of successfully completed work from the "SpM Supply Chain Innovation" is excluded.

<sup>&</sup>lt;sup>3</sup> It is no longer possible to register for the examination if the "SpM Selected Issues in Supply Chain Management" examination has previously been successfully completed. Recognition of successfully completed work from the "SpM Selected Issues in Supply Chain Management" is excluded.

<sup>&</sup>lt;sup>4</sup> It is no longer possible to register for the examination if the "SpM Selected Issues in Behavioural Supply Chain Management" examination has previously been successfully completed. Recognition of successfully completed work from the "SpM Selected Issues in Behavioural Supply Chain Management" is excluded.

<sup>&</sup>lt;sup>5</sup> The registration for the examination and recognition is not possible if the examination for the module "SuM Energy and Climate Change I" has already been successfully completed.

<sup>&</sup>lt;sup>6</sup> The registration for the examination and recognition is not possible if the examination for the module "SuM Energy and Climate Change II" has already been successfully completed.

<sup>&</sup>lt;sup>7</sup> The registration for the examination and recognition is not possible if the examination for the module "SuM Energy and Climate Change III" has already been successfully completed.

<sup>&</sup>lt;sup>8</sup> The registration for the examination and recognition is not possible if the examination for the module "SuM Energy and Climate Change IV" has already been successfully completed.

valid for students of the ER 2021 (enrolment from winter semester 2021/22)

## 3.4 Extracurricular course programme

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

#### 3.5 Master's thesis

The master's thesis, which carries 15 ECTS credits, is written towards the end of the programme. It is intended to show that the student is capable of conducting academic work and reflecting on a specific problem related to the subject matter covered by the programme, using the necessary methods and within a specified period. Students must take no longer than three months to write their master's thesis. Students have to oblige by the thesis rules and requirements of their supporting professor. Detailed information concerning the master's thesis is included in the Examination Regulations.

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.

The master's thesis must be written in English. During the first six weeks after registration of the master's thesis, students can hand in an abstract and table of contents to the corresponding department. The CEMS programme allows a partial crediting of the master thesis as a research project. Therefor students need a written confirmation from the department that they

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have fulfilled the requirements of the abstract and content overview within the given timeline. The students will then hand in this confirmation to the CEMS Office Cologne to receive accreditation for the CEMS certificate. These partial credits for CEMS are only valid if the master thesis is successfully completed.

For further questions, feel free to contact the CEMS Office Cologne.

# 3.6 Module descriptions

# 3.6.1 Core Section (CEMS Exclusives)

<b>Module Co</b> 1253MBCD		<b>Workload</b> 180h	ECTS Credits	<b>Module Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term
1	Courses Micro-foundation	ns of Corporate	Development	Contact Hours 30h	Self-Stu- dies 150h	Course Language
2	Module Content  Examples of topics that will be covered will include: relevance of micro-foundations, trust and psychological safety human capital, social capital emotional capital conflicts in organizations diversity and inclusion, among others  Learning Objectives Students understand advanced, specialized theories / methods in the areas of micro-foundations of co rate development analyse current questions and challenges in the area of corporate development issues (strat organisation, HR, business ethics, etc.) 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 present scientific results in a way that is appropriate for the target audience develop work processes for real problems and challenges know and understand the relevant methods and theories for the points mentioned above und "Module content".  Teaching and Learning Methods lecture practice					
3						nent issues (strategy nethods.
4						
5	Module Entry R	equirements				
6	Mode of End-Of-Module Examination Combined examination: WT (60), PRES					
7	Prerequisites for Passing the exa	_	f Credit Points			
8	8 Other Programmes that Use the Module Master of Science International Management: Core Section International Management (CEMS Exclusives)					

9	Module Manager UnivProf. Dr. Anne Burmeister
10	Miscellaneous

CM Interna	ational Financ	ial Manage	ment				
Module Code 1259MBIFM1		<b>Workload</b> 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Duration 1 Term		
1	Courses International Financial Management			Contact Hours 60h	Self-Stu- dies 120h	Course Language English	
2	Module Content  • Basics of International Financial Management  • Global financial markets and institutions  • Management of FX Exposure  • Management of multinational companies						
3	Learning Objectives Students understand fundamental theories and methods in the area of international finance analyse current questions and challenges in the area of international finance discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists evaluate their own action processes in self- and external reflection and identify development potentials know and understand the relevant methods and theories for the points mentioned above under "Module content".						
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R	equirements					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the exa	_	of Credit Points				
8	Other Programmes that Use the Module  Master of Science International Management:  Core Section International Management (CEMS Exclusives)						
9	Module Manager Area Finance						
10	Miscellaneous						

Module Code 1271MBSCM1		<b>Workload</b> 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term			
1	Courses Supply Chain Ma	anagement for	CEMS MIM	Contact Hours 45h	Self-Stu- dies 135h	Course Language English			
2	<ul> <li>Supply chain s</li> <li>Supply chain s</li> <li>Network desig</li> <li>Inventory man</li> <li>Contract desig</li> <li>Capacity and</li> <li>Information pro</li> </ul>	Module Content  Supply chain strategy Supply chain process design Network design Inventory management Contract design Capacity and revenue management Information processing in supply chains Behavioral Operations							
3	Students understand ac analyse curre assess and di communicate justify and def act responsib critically evalu	Learning Objectives Students understand advanced, specialized theories / methods of Strategic Supply Chain Management analyse current questions and challenges of Strategic Supply Chain 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 know and understand the relevant methods and theories for the points mentioned above under							
4	Teaching and L lecture practice	earning Meth	ods						
5	Module Entry R	Requirements							
6	Mode of End-O Written test: PO		mination						
7	Prerequisites for Passing the exa	_	f Credit Points						
8	Master of Science	Other Programmes that Use the Module  Master of Science International Management:  Core Section International Management (CEMS Exclusives)							
9	_	Module Manager UnivProf. Dr. Fabian Sting							
	Miscellaneous								

CM Case S	M Case Studies							
Module Code 1015MBCST1		<b>Workload</b> 360h	ECTS Credits 12	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses a) Case Studies in Accounting b) Case Studies in Marketing			Contact Hours a) 60h b) 60h	Self-Studies a) 300h b) 300h	Course Language a) English b) English		
2	Module Conten Current busines		n issues					
3	Learning Objectives Students learn how to conduct case studies apply research findings, under academic supervision, to real-life business administration issues use the results to derive recommendations for management present their findings in written form and in oral presentations know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and L	earning Meth	ods					
5	Module Entry R	equirements						
6	Mode of End-O Combined exam							
7	Prerequisites for Awarding of Credit Points  Passing the module examination of one course. A course is to be attended; the examination relates to the content of one course.							
8	Other Programmes that Use the Module  Master of Science International Management:  Core Section International Management (CEMS Exclusives)							
9	Module Manager UnivProf. Dr. Marc Fischer							
10	Miscellaneous							

CM Persor	CM Personal Development							
Module Code 1015MBPDV1		<b>Workload</b> 180h	ECTS Credits	<b>Duration</b> 1 Term				
1	Courses Personal Develo	pment		Contact Hours 30h	Self-Stu- dies 150h	Course Language English		
2	<ul><li>Rules, process and reflection</li><li>Requirements aspects of mana</li></ul>	dership, commuses and technic , influencing fa , gement tasks	ques of communic	cation, presenta	tion, strategy, analysis and reflection tion, presentation, strategy development, analysis criteria regarding the social and methodological			
3	Learning Objectives Students analyse the social and methodical aspects of management tasks faced by companies based on specific situations are familiar with the various dimensions of management tasks and are able to distinguish between management task functions in the areas of leadership, communication, presentation, strategy analysis and reflection analyse the requirements for typical management challenges, select suitable methods and practise managing the situation using those methods evaluate their own action processes by reflecting their one's own role and the roles of others and identify development potentials identify additional requirements and suggest ways of enhancing specific methods develop work processes for standard challenges kennen und verstehen die relevanten Methoden und Theorien zu den zuvor unter "Inhalte des							
4	Teaching and L	earning Meth	ods					
5	Module Entry R	equirements						
6	Mode of End-O Combined exam							
7	Prerequisites for Passing the exa	_	f Credit Points					
8	Other Programmes that Use the Module  Master of Science International Management:  Core Section International Management (CEMS Exclusives)							
9	Module Manager CEMS Programm Manager							
10	Miscellaneous							

# 3.6.2 Specialisation Section International Management (CEMS Exclusives)

Module Code 1289MSCGS1		<b>Workload</b> 180h	ECTS Credits 6	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term			
1	Courses Global Strategy			Contact Hours 60h	Self-Stu- dies 120h	Course Language English			
2	<ul><li>Key research</li><li>Theoretical ap</li><li>Current develo</li><li>Research des</li></ul>	Module Content  • Key research questions in International Business Strategy  • Theoretical approaches in International Business Strategy  • Current developments in selected areas of International Business Strategy  • Research designs and case studies in the field of International Business Strategy  • Empirical and quantitative research in International Business Strategy							
3	Students understand ac analyse curre assess and di collect, syster prepare indep communicate solve team-in justify and def discuss scien cialists present scien develop work use technique	Learning Objectives Students understand advanced, specialized theories / methods analyse current questions and challenges assess and discuss findings and research results of specialized theories / methods collect, systematize and synthesize independently literature on selected scientific questions prepare independently a research design for a question communicate continuously and purposefully in diverse teams solve team-internal conflicts and target divergences independently 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 seminar	earning Meth	nods						
5	Module Entry R	equirements							
6	Mode of End-O Combined exam								
7	-	Prerequisites for Awarding of Credit Points Passing the examination							
8	Master of Science	Other Programmes that Use the Module  Master of Science International Management:  Specialisation Section International Management (CEMS Exclusives)							
9	Module Manager UnivProf. Dr. Marc Oliver Bettzüge								

10	Miscellaneous

	1.	147	E0T0 0 ""						
Module Code 1253MSCGL1		<b>Workload</b> 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term			
1	Courses Global Leadersh	nip		Contact Hours 60h	Self-Stu- dies 120h	Course Language English			
2	<ul><li>Key research</li><li>Theoretical ap</li><li>Developments</li><li>Research des</li></ul>	Module Content     Key research questions in intercultural management     Theoretical approaches in intercultural management     Developments in the various disciplines involved in intercultural management     Research designs in intercultural management     Empirical and qualitative research on intercultural management issues							
3	Students understand ac analyse curre assess and di collect and an methods collect, syster prepare indep communicate solve team-in justify and del discuss scien cialists present scien act responsib develop work	Learning Objectives Students understand advanced, specialized theories / methods analyse current questions and challenges assess and discuss findings and research results of specialized theories / methods collect and analyse data material for selected scientific questions using quantitative / qualitative methods collect, systematize and synthesize independently literature on selected scientific questions prepare independently a research design for a question communicate continuously and purposefully in diverse teams solve team-internal conflicts and target divergences independently 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	nods						
5	Module Entry R	Requirements							
6	Mode of End-O Combined exam								
7	-	Prerequisites for Awarding of Credit Points Passing the examination							
8	Master of Science	Other Programmes that Use the Module  Master of Science International Management:  Specialisation Section International Management (CEMS Exclusives)							
9	Module Manager UnivProf. Dr. Matthias Heinz								

10	Miscellaneous

SpM CEMS	I CEMS Business Project								
Module Code 1015MSCBP1		<b>Workload</b> 450h	ECTS Credits 15	Module Availability every 2nd term - sum- mer term	Duration 1 Term				
1	Courses CEMS Business	Courses CEMS Business Project			Self-Stu- dies 390h	Course Language English			
2	Module Content  The Business Project is a consultancy-like project that aims to make a contribution to a business case of a company with the analytical results and advice. The main part of the Business Project consists of the student group's project work process and the group's interaction with the case company A number of supplementary input will be held during the semester, providing students with background knowledge and skills that may be applied in the specific setting of their project:  • Kick off meeting  • mid-term competition  • final presentation								
3	Learning Objectives Students work on a predefined, real-life business project, in which they apply the expertise they have acquired learn, under academic supervision, how knowledge is transferred from research to business take on significant responsibility in a team conduct an applied project independently and apply the latest research findings to real-life business issues produce documentation of the methods they use know and understand the relevant methods and theories for the points mentioned above under								
4	Teaching and L Research project	_	ods						
5	Module Entry R	equirements							
6	Mode of End-O Combined exam								
7	Prerequisites for Passing the exa	_	f Credit Points						
8	Other Programmes that Use the Module  Master of Science International Management:  Specialisation Section International Management (CEMS Exclusives)								
9	Module Manager UnivProf. Dr. Marc Fischer								
10	Miscellaneous								

SpM CEM	S Leadership	and Busine	ss Skills					
Module Code 1015MSCLB1		Workload 180h 6		<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 2 Terms		
1	Courses a) CEMS Block (b) CEMS Global (c) CEMS Skill Sc	Citizenship Se		Contact Hours a) 30h b) 15h c) 60h	Self-Studies a) 60h b) 15h c) 0h	Course Language a) English b) English c) English		
2	Module Content  CEMS Block Seminar: Focus on Climate change and energy as one of mankind's defining challenges in the 21st century, explore this challenge and the implications for global businesses, study new concepts from global ecology and natural sciences to the community of management practice, including a comprehensive representation of the relationship between business and the environment, offers a well-balanced mix of theory and case studies with a focus on business strategy within the context of climate and energy.  CEMS Global Citizenship Seminar: organized around one or more of the 17 United Nations Sustainable Development Goals, application of ethical thinking to one, or more, challenges of implementing SDGs, creation of a well-reasoned thought leadership position, examine the characteristics of a responsible citizen and business leader in light of the SDGs  Various CEMS Skill Seminars: offered in cooperation with CEMS Corporate & Social Partners and CEMS Alumni with a wide range of business-relevant topics, e.g. Negotiation Skills, Business							
3	Learning Objectives Students know and understand the relevant methods and theories for the points mentioned above under "Module content" understand advanced, specialized theories / methods (ESG, esp. Climate Change and Net Zero Solutions) analyse current questions and challenges (ESG, esp. Climate Change and Net Zero Solutions) collect and analyse data material for selected scientific questions using quantitative / qualitative methods communicate continuously and purposefully in diverse teams solve team-internal conflicts and target divergences independently justify and defend (independently developed) positions or problem solutions present scientific results in a way that is appropriate for the target audience evaluate their own action processes in self- and external reflection and identify development potentials act responsibly considering ecological, social and ethical criteria critically evaluate current social developments and develop alternative solutions.							
4	use techniques of scientific work and good scientific practice.  Teaching and Learning Methods seminar							
5	Module Entry R	Module Entry Requirements						

6	Mode of End-Of-Module Examination Combined examination: PRES, TP
7	Prerequisites for Awarding of Credit Points Passing the examination.
8	Other Programmes that Use the Module  Master of Science International Management:  Specialisation Section International Management (CEMS Exclusives)
9	Module Manager UnivProf. Dr. Marc Oliver Bettzüge UnivProf. Dr. Marc Fischer
10	Miscellaneous The individual elements can also be completed at the CEMS partner universities during the semester abroad.

# **3.6.3 Supplementary Section International Management**

SpM Con	ntrolling I								
Module Code 1016MSCON1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term			
1	Courses Operative Contr	Courses Operative Controlling (1. Term) Contact Hours dies 45h 135h Course Lan English							
2	<ul><li>Fundamentals</li><li>Theory, strate</li></ul>	Module Content  • Fundamentals of controlling  • Theory, strategies and methods to support controlling activities  • Controlling instruments							
3	Students understand a communicate discuss scien cialists develop work	understand advanced, specialized theories / methods in the area of operative controlling communicate continuously and purposefully in diverse teams discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists develop work processes for real problems and challenges know and understand the relevant methods and theories for the points mentioned above under							
4	Teaching and Lecture practice								
5	Module Entry R Recommendation decision theory	-	ledge of internal a	and external ac	counting, inves	tment, financing and			
6	Mode of End-O Written test: WT		mination						
7	Prerequisites for Passing the mod	_	of Credit Points						
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 Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Supplementary Section Management & Social Sciences								
			dministration - Ac n Accounting and	-	axation:				

	Master of Science Gesundheitsökonomie:					
	Supplementary Section Health Economics					
	Master of Science International Management:					
	Supplementary Section International Management					
	Master of Science Mathematik:					
	Economics Sciences					
	Master of Science Wirtschaftsmathematik:					
	Economics Sciences					
	Master of Science Business Analytics & Econometrics:					
	Supplementary Section Business Analytics & Econometrics					
	Master of Science Informatik:					
	Anwendungsfeld					
	Master of Science Geographie:					
	Wahlpflichtfach Management & Social Sciences					
	Master of Arts Regionalstudien China - Betriebswirtschaftslehre:					
	Ergänzungsbereich Business Administration					
	Master of Science Sociology: Social and Economic Psychology:					
	Supplementary Section Sociology: Social and Economic Psychology					
	Master of Science Sociology: Social Research:					
	Supplementary Section Sociology and Social Research					
	Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:					
	Ergänzungbereich Wirtschaftspädagogik					
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 Cont	trolling II						
Module Code 1016MSCON2		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Strategic Controlling (2. Term)			Contact Hours 45h	Self-Stu- dies 135h	Course Language English	
2	Module Content Introduction to strategic controlling Conventional cost management instruments More recent cost management instruments Benchmarking						
3	Learning Objectives Students understand advanced, specialized theories / methods in the area of strategic controlling communicate continuously and purposefully in diverse teams discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists develop work processes for real problems and challenges know and understand the relevant methods and theories for the points mentioned above under "Module content".						
4	Teaching and Learning Methods lecture practice						
5	Module Entry Requirements Recommendation: Basic knowledge of 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 Science	ce Business Admentary Section ce Business Admentary Section ce Information mentary Section ce Business Admentary Section ce Business Admentary Section ce Economics: mentary Section ce Business Admentary Section section ce Business Admentary Section ce Business Admentary Section section ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section section section ce Business Admentary Section ce	dministration - Su on Supply Chain Manistration - Fir on Finance dministration - Ma on Marketing Systems: on Information Systems: on Corporate Dev on Corporate Dev on Management & dministration - Ac on Accounting and	Management lance:  Irketing:  Istems Irporate Develoelopment  Is Social Science counting and T	pment: es		

	Supplementary Section Health Economics  Master of Science International Management:     Supplementary Section International Management  Master of Science Mathematik:     Economics Sciences  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Business Analytics & Econometrics:     Supplementary Section Business Analytics & Econometrics  Master of Science Informatik:     Anwendungsfeld  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik			
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 Taxa	ation I								
Module Code 1016MSTAX1		Workload 180h	ECTS Credits	Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term			
1	Courses Taxation of Com	npanies I		Contact Hours 45h	Self-Stu- dies 135h	Course Language German			
2	Business taxa     Taxation of dif     Choice of lega     International b	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 justify and de know and und	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 know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and L lecture practice	earning Meth	nods						
5	Module Entry R	Requirements							
6	Mode of End-O Written test: WT		mination						
7	Prerequisites for Passing the mod	_	of Credit Points						
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 Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science Business Administration - Accounting and Taxation:     Specialisation Section Accounting and Taxation  Master of Science International Management:								

	Supplementary Section International Management
	Master of Science Mathematik:
	Economics Sciences
	Master of Science Wirtschaftsmathematik:
	Economics Sciences
	Master of Science Informatik:
	Anwendungsfeld
	Master of Science Geographie:
	Wahlpflichtfach Management & Social Sciences
	Master of Arts Regionalstudien China - Betriebswirtschaftslehre:
	Ergänzungsbereich Business Administration
	Master of Science Sociology: Social and Economic Psychology:
	Supplementary Section Sociology: Social and Economic Psychology
	Master of Science Sociology: Social Research:
	Supplementary Section Sociology and Social Research
	Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:
	Ergänzungbereich Wirtschaftspädagogik
9	Module Manager
	UnivProf. Dr. Michael Overesch
10	Miscellaneous

SpM Acc	ounting I							
Module Code 1016MSACC1		<b>Workload</b> 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Sustainability Re	eporting		Contact Hours 45h	Self-Stu- dies 135h	Course Language German and English		
2	<ul> <li>Conceptual ar</li> <li>General Requ</li> <li>Reporting on G</li> <li>Reporting on G</li> <li>Preparing Sust</li> <li>Assuring Sust</li> </ul>	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						
3	Students learn the cond get to know p apply your lea to governance, e get to know h world case studi perform susta	learn the conceptual and institutional background underlying sustainability/ESG reporting; get to know present and future sustainability reporting requirements; apply your learnings by studying and evaluating actual reporting practices and disclosures related to governance, envirnonmental and social issues; get to know how sustainability reports are being prepared, assured, and analyzed through real world case studies; perform sustainability analyses of real-world companies know and understand the relevant methods and theories for the points mentioned above under						
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 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 Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development							

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

SpM Adv	anced Accoun	ting						
Module Code 1016MSAAC1		<b>Workload</b> 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Value-based Co	ntrolling		Contact Hours 45h	Self-Stu- dies 135h	Course Language English		
2	Basics of valu     Characteristics     Effect of capits     Shareholder v     Discounted ca     Value-based i     Working capits     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 dei discuss scien cialists act responsib critically evalu	<ul> <li> understand advanced, specialized theories / methods.</li> <li> analyse current questions and challenges.</li> <li> collect, systematize and synthesize independently literature on selected scientific questions.</li> <li> justify and defend (independently developed) positions or problem solutions.</li> <li> discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists.</li> <li> act responsibly considering ecological, social and ethical criteria.</li> <li> critically evaluate current social developments and develop alternative solutions.</li> <li> know and understand the relevant methods and theories for the points mentioned above under</li> </ul>						
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R Recommendation	=	ledge of internal a	and external ac	counting, inves	tment and financing		
6		Mode of End-Of-Module Examination Written test: WT (60)						
7	-	Prerequisites for Awarding of Credit Points Passing the module examination						
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:							

	Specialisation Section Accounting and Taxation  Master of Science Gesundheitsökonomie:     Supplementary Section Health Economics  Master of Science International Management:     Supplementary Section International Management  Master of Science Mathematik:     Economics Sciences  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Business Analytics & Econometrics:     Supplementary Section Business Analytics & Econometrics  Master of Science Informatik:     Anwendungsfeld  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik
9	Module Manager UnivProf. Dr. Carsten Homburg
10	Miscellaneous

SpM Acc	ounting II							
Module Coo 1016MSAC		Workload 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses International Acc	counting		Contact Hours 45h	Self-Stu- dies 135h	Course Language German and English		
2	<ul><li>Theoretical as</li><li>IASB-Framew</li><li>Recognition a</li></ul>	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 ac analyse curre gain confiden respect to recog acquire know solve new pro in the module apply busines	understand advanced, specialized theories / methods in the area international accounting analyse current questions and challenges in the area of uninternational accounting gain confidence in reporting according to international financial reporting standards (IFRS) with respect to recognition as well as measurement issues acquire knowledge enabling them to interpret IFRS in light of their principle-based character solve new problems and cases, using the subject-related and methodological competence taught in the module apply business valuation concepts within the framework of IFRS accounting know and understand the relevant methods and theories for the points mentioned above under						
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 mod	_						
8	Other Programmes that Use the Module  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science Business Administration - Accounting and Taxation:     Specialisation Section Accounting and Taxation  Master of Science International Management:     Supplementary Section International Management  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Finance:							

	Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development
9	Module Manager Prof. Dr. Maximilian A. Müller
10	Miscellaneous The examination is offered in every term.

SpM Acco	unting & Taxa	ntion Semin	ar			
Module Code 1016MSATS1		<b>Workload</b> 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term
1	Courses a) Seminar Busi b) Seminar Fina c) Seminar Mana	ncial Accountir	-	Contact Hours a) 30h b) 30h c) 30h	Self-Stud- ies a) 150h b) 150h c) 150h	Course Language a) German b) German c) English
2	Module Conten Current topics in		anagerial accoun	ting or financial	accounting or	taxation
3	Learning Objectives Students collect and analyse data / information for selected scientific questions using quantitative / qualitative methods collect, systematize and synthesize independently literature on selected scientific questions write an academic paper on a selected topic and achieve thereby their own scientific contribution justify and defend (independently developed) positions or problem solutions discuss scientific topics in a professional manner and appropriate to the situation with specialists present scientific results in a way that is appropriate for the target audience evaluate their own action processes in self- and external reflection and identify development potentials use techniques of scientific work and good scientific practice know and understand the relevant methods and theories for the points mentioned above under "Module content".					
4	Teaching and L seminar	earning Meth	ods			
5	Module Entry R	equirements				
6	Mode of End-O Combined exam					
7	Prerequisites for Awarding of Credit Points  Passing the module examination of one course. A course is to be attended; the examination relates to the content of one course.					
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Business Administration - Accounting and Taxation:     Specialisation Section Accounting and Taxation					

	Master of Science International Management:
9	Module Manager Area Accounting and Taxation
10	Miscellaneous

SpM Selec	cted Issues in	Accounting	g & Taxation I				
Module Code 1016MSSIS1		<b>Workload</b> 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1	Courses a) Tax Accountin b) Financial Serv c) Taxation of Fad) Selected Issu e) Selected Issu f) Accounting for	vice and Real E amily Business es in Controllin es in Auditing	ng I	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 Conten Selected Issues		accounting, finar	ncial accounting	, auditing or bu	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 know and understand the relevant methods and theories for the points mentioned above unde "Module content".					nethods. s. n specialists.	
4	Teaching and L	earning Meth	ods				
5	Module Entry R	equirements					
6		Mode of End-Of-Module Examination Written test: PO					
7	Prerequisites for Awarding of Credit Points  Passing the module examination: Two lectures must be taken. The exam covers the content of two lectures.						
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Business Administration - Accounting and Taxation:     Specialisation Section Accounting and Taxation     Supplementary Section Accounting and Taxation						

	Master of Science International Management: Supplementary Section International Management Master of Science Mathematik:
	Economics Sciences  Master of Science Wirtschaftsmathematik:
	Economics Sciences  Master of Science Informatik:  Anwendungsfeld
	Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungbereich Wirtschaftspädagogik
9	Module Manager Area Accounting and Taxation
10	Miscellaneous

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

	Supplementary Section Management & Social Sciences
	Master of Science Gesundheitsökonomie:
	Supplementary Section Health Economics
	Master of Science Economic Research:
	Supplementary Section Economic Research
	Master of Science International Management:
	· ·
	Supplementary Section International Management  Master of Science Mathematik:
	Economics Sciences
	Master of Science Wirtschaftsmathematik:
	Economics Sciences
	Master of Science Informatik:
	Anwendungsfeld
	Master of Science Geographie:
	Wahlpflichtfach Management & Social Sciences
	Master of Arts Regionalstudien China - Betriebswirtschaftslehre:
	Ergänzungsbereich Business Administration
	Master of Science Business Administration - Corporate Development:
	Specialisation Section Corporate Development
	Master of Science Sociology: Social and Economic Psychology:
	Supplementary Section Sociology: Social and Economic Psychology
	Master of Science Sociology: Social Research:
	Supplementary Section Sociology and Social Research
	Master of Arts Medienwissenschaft:
	Ergänzungsbereich Medienmanagement und Medienökonomie
	Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:
	Ergänzungbereich Wirtschaftspädagogik
9	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.

SpM Stra	SpM Strategic Development						
	Module Code 1253MSSDP1		ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Strategic Develor Organizations	Strategic Development: Diverse and Inclusive Hours dies					
2	Examples of top relevance of div business and m types of diversit organizational p discrimination a	Module Content  Examples of topics that will be covered will include: relevance of diversity and inclusion business and moral perspectives on diversity and inclusion types of diversity organizational practices and intervention discrimination and exclusion bystanders and allyship					
3	Learning Objectives Students understand advanced, specialised theories / methods in the area of corporate development analyse current questions and challenges in the area of corporate development assess and discuss findings and research results of specialised 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 act responsibly considering ecological, social and ethical criteria know and understand the relevant methods and theories for the points mentioned above under "Module content".						
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R None	Module Entry Requirements None					
6		Mode of End-Of-Module Examination Written test: WT (60)					
7	<u>-</u>	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 Management & Social Sciences
	Master of Science International Management:
	Supplementary Section International Management
	Master of Science Mathematik:
	Economics Sciences
	Master of Science Wirtschaftsmathematik:
	Economics Sciences
	Master of Science Informatik:
	Anwendungsfeld
	Master of Science Geographie:
	Wahlpflichtfach Management & Social Sciences
	Master of Arts Regionalstudien China - Betriebswirtschaftslehre:
	Ergänzungsbereich Business Administration
	Master of Science Business Administration - Corporate Development:
	Specialisation Section Corporate Development
	Master of Science Sociology: Social and Economic Psychology:
	Supplementary Section Sociology: Social and Economic Psychology
	Master of Science Sociology: Social Research:
	Supplementary Section Sociology and Social Research
	Master of Arts Medienwissenschaft:
	Ergänzungsbereich Medienmanagement und Medienökonomie
	Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:
	Ergänzungbereich Wirtschaftspädagogik
9	Module Manager
	UnivProf. Dr. Anne Burmeister
10	Miscellaneous

SpM Strat	tegic Human R	esource Ma	anagement					
Module Cod 1253MSSHR		<b>Workload</b> 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Strategic Human Resource Management  Contact Hours 60h  Course Langua English							
2	The module tea	Module Content  The module teaches how Human Resource Management creates economic value and contributes to the implementation of corporate strategies.						
3	Learning Objectives Students understand advanced, specialized theories / methods analyse current questions and challenges communicate continuously and purposefully in diverse teams solve team-internal conflicts and target divergences independently justify and defend (independently developed) positions or problem solutions act responsibly considering ecological, social and ethical criteria develop work processes for real problems and challenges know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and L lecture practice							
5	Module Entry R	Module Entry Requirements none						
6		Mode of End-Of-Module Examination Combined examination: WT (60), PRES						
7	-	Prerequisites for Awarding of Credit Points Passing the module examination						
8	Supple Master of Science	ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Information mentary Section ce Economics: mentary Section ce Gesundheits mentary Section ce Economic Reconomic Re	dministration - Supply Chain Maninistration - Accounting and dministration - Find Finance dministration - Management & Sökonomie:  on Management & Sökonomie:  on Health Economies	Management counting and Taxation ance: rketing: stems a Social Science	axation:			

pM Stra	tegic Managen	nent					
Module Code 1253MSSMG1		<b>Workload</b> 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term	
1	Courses Strategic Management (1. Term)  Contact Hours 60h Self-Stu- dies English 120h						
2	<ul><li>Fundamentals</li><li>Basic concept</li><li>Basic concept</li></ul>	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 an methods communicate solve team-in justify and del present scien evaluate their tentials act responsib critically evalu develop work	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 positions.					
4	Teaching and L lecture practice	earning Meth.	ods				
5	Module Entry R	equirements					
6		Mode of End-Of-Module Examination Written test: WT (60)					
7	<u> </u>	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 - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing						

10	Miscellaneous
9	Module Manager UnivProf. Dr. Matthias Heinz
	Ergänzungbereich Wirtschaftspädagogik
	Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:
	Ergänzungsbereich Medienmanagement und Medienökonomie
	Master of Arts Medienwissenschaft:
	Master of Science Sociology: Social Research:  Supplementary Section Sociology and Social Research
	Supplementary Section Sociology: Social and Economic Psychology
	Master of Science Sociology: Social and Economic Psychology:
	Specialisation Section Corporate Development
	Master of Science Business Administration - Corporate Development:
	Ergänzungsbereich Business Administration
	Master of Arts Regionalstudien China - Betriebswirtschaftslehre:
	Wahlpflichtfach Management & Social Sciences
	Master of Science Geographie:
	Anwendungsfeld
	Master of Science Informatik:
	Economics Sciences
	Master of Science Wirtschaftsmathematik:
	Economics Sciences
	Master of Science Mathematik:
	Supplementary Section International Management
	Master of Science International Management:
	Supplementary Section Economic Research
	Master of Science Economic Research:
	Supplementary Section Health Economics
	Master of Science Gesundheitsökonomie:
	Supplementary Section Management & Social Sciences
	Master of Science Economics:
	Supplementary Section Information Systems

Shin Fie	ctive Corporate	Developme	ent I					
<b>Module Co</b> 1253MSSI		<b>Workload</b> 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses Elective Corpora	Courses Elective Corporate Development I  Contact Hours 45h  Self-Stu- dies German and En						
2		Module Content Varying topics of corporate development						
3	Students understand ac assess and di collect and ar methods justify and de discuss scien cialists critically evalu use technique	understand advanced, specialized theories / methods in the area of corporate development 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 discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists critically evaluate current social developments and develop alternative solutions use techniques of scientific work and good scientific practice know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R None	Requirements						
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 Science	ce Business Admentary Section Business Admentary Business B	dministration - Su on Supply Chain M dministration - Ac on Accounting and dministration - Fir on Finance dministration - Ma on Marketing Systems: on Information Systems: on Information I M	Management counting and Tad Taxation ance:  rketing:				

	Economics Sciences  Master of Science Informatik:     Anwendungsfeld  Master of Science Business Administration - Corporate Development:     Specialisation Section Corporate Development  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik
9	Module Manager Area Corporate Development
10	Miscellaneous

SpM Elect	SpM Elective Corporate Development II							
Module Code 1253MSSIC2		<b>Workload</b> 180h	ECTS Credits	Module Language German and English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses Elective Corporate Development II  Contact Hours 45h  Self-Stu- dies German and Englis German and Englis							
2		Module Content Varying topics of corporate development						
3	Learning Objectives Students understand advanced, specialized theories / methods in the area of corporate development analyse current questions and challenges in the area of corporate development 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 discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists critically evaluate current social developments and develop alternative solutions develop work processes for real problems and challenges know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and L lecture practice							
5	Module Entry R	equirements						
6	Mode of End-Of-Module Examination Written test: WT (60)							
7	Prerequisites for Awarding of Credit Points Passing the module examination							
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science International Management:     Supplementary Section International Management  Master of Science Mathematik:     Economics Sciences  Master of Science Wirtschaftsmathematik:							

	Economics Sciences  Master of Science Informatik:     Anwendungsfeld  Master of Science Business Administration - Corporate Development:     Specialisation Section Corporate Development  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik
9	Module Manager Area Corporate Development
10	Miscellaneous

SpM Fina	ance I								
<b>Module Code</b> 1259MSFIN1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term			
1	Courses Capital Market T	Theory		Contact Hours 60h	Self-Stu- dies 120h	Course Language English			
2	Investment de     Portfolio theor     Asset pricing i	Module Content Investment decisions given uncertainty Portfolio theory Asset pricing models Analysis and valuation of forwards, futures, and options							
3	Students understand ac analyse curre assess and di discuss scien know and und	Learning Objectives Students understand advanced, specialized theories / methods in the area of capital market theory analyse current questions and challenges in the area of capital market theory assess and discuss findings and research results of specialized theories / methods discuss scientific topics in a professional manner and appropriate to the situation know and understand the relevant methods and theories for the points mentioned above under "Module content".							
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	Supple Master of Science Special Master of Science	ce Business A mentary Section Business A lisation Business A lisation Section Business A lisation Business A li	dministration - Su on Supply Chain Maninistration - Accounting and dministration - Maninistration - Maninistration - Maninistration - Co on Corporate Device on Management & Management & Management:	Management counting and T d Taxation rketing: stems rporate Development a Social Science ance:	axation:				
	Master of Science	ce Internationa mentary Section	al Management: on International M	anagement					

	Economics Sciences  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Informatik:     Anwendungsfeld  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Arts Regionalstudien China - Betriebswirtschaftslehre:     Ergänzungsbereich Business Administration  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik
9	Module Manager UnivProf. Dr. Alexander Kempf Dr. Alexander Pütz
10	Miscellaneous

SpM Fina	ince II							
Module Code 1259MSFIN2		Workload 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses Corporate Finan	Course Language English						
2	Module Content  • Financial Planning  • Cost of Capital  • Firm Valuation  • Corporate Restructuring							
3	Students understand ac analyse curre assess and di discuss scien cialists.	understand advanced, specialized theories / methods in the area of corporate finance analyse current questions and challenges in the area of corporate finance 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 know and understand the relevant methods and theories for the points mentioned above under						
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 Awarding of Credit Points Passing the module examination						
8	Supple Master of Science Special Master of Science	ce Business A mentary Section Business A lisation Business A li	dministration - Su on Supply Chain Manistration - Ac on Accounting and dministration - Manistration - Manistration - Manistration - Co on Information Sydministration - Co on Corporate Dev con Management & dministration - Fir n Finance	Management counting and Touring and Touring and Touring: Stems rporate Develoelopment Social Science ance:	axation: pment:			

	Master of Science Mathematik:
9	Module Manager UnivProf. Dr. Dieter Hess
10	Miscellaneous

SpM Fina	nce III							
<b>Module Code</b> 1259MSFIN3		<b>Workload</b> 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses Insurance Econo	omics		Contact Hours 60h	Self-Stu- dies 120h	Course Language English		
2	<ul><li>Insurance den</li><li>Production the</li><li>Market balanc</li><li>Basics of sect</li><li>Claim settleme</li></ul>	Module Content 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 understand ac analyse curre assess and di justify and del critically evalu know and und	Learning Objectives Students understand advanced, specialized theories / methods in the area of finance or insurance analyse current questions and challenges in the area of finance or insurance 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 know and understand the relevant methods and theories for the points mentioned above under "Module content".						
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	Module Entry Requirements none						
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 Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science Business Administration - Finance:     Specialisation Section Finance							

	Master of Science Gesundheitsökonomie:     Supplementary Section Health Economics  Master of Science International Management:     Supplementary Section International Management  Master of Science Mathematik:     Economics Sciences  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Informatik:     Anwendungsfeld  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Arts Regionalstudien China - Betriebswirtschaftslehre:     Ergänzungsbereich Business Administration  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik
9	Module Manager UnivProf. Dr. Heinrich R. Schradin
10	Miscellaneous

- Fill I IIIa	nce Advanced			I	1	
<b>Module Code</b> 1259MSFIA4		<b>Workload</b> 180h	ECTS Credits 6	<b>Module Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term
1	Courses a) Value-Based Management in Insurance - Theory and Practice b) Banking c) Advanced Sustainable Finance			Contact Hours a) 60h b) 60h c) 60h	Self-Studies a) 120h b) 120h c) 120h	Course Language a) English b) German c) English
2	Introduction in Insurance Risl Risk Modelling Risk Managen Risk-based Ca Decision-maki Trends and Cl  B) Banking Introduction to Theoretical Ex Measurement Measurement Measurement Capital Requir Bank Manage  c) Advanced Su Introduction to Introduction to Introduction to Data transfer,	Management Insurance Man k and Production g and Risk Mean nent and Share apital Allocation ing in a Value-th hallenges in the Banking kplanations of E of Liquidity Ris and Managem and Managem mements ment and Bank ustainable Final of Sustainable F of R preparation an ind application of analyses	on Technology Isurement Sholder Wealth Based Manageme Insurance Indus Banks Iks Insurance Indus Controlling Ince Inance	ent Framework stry Market Risk al Risk		
3	<ul> <li>Quasi-experimental approaches</li> <li>Learning Objectives</li> <li>Students</li> <li> understand advanced, specialized theories / methods in the area of Value-Based Management in Insurance.</li> <li> analyse current questions and challenges in the area of Value-Based Management in Insurance.</li> <li> assess and discuss findings and research results of specialized theories / methods.</li> <li> justify and defend (independently developed) positions or problem solutions.</li> <li> know and understand the relevant methods and theories for the points mentioned above under "Module content".</li> </ul>					
4	Teaching and Learning Methods lecture practice					

5	Module Entry Requirements none
6	Mode of End-Of-Module Examination Written test: WT (60)
7	Prerequisites for Awarding of Credit Points  Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science International Management:     Supplementary Section International Management  Master of Science Mathematik:     Economics Sciences  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Informatik:     Anwendungsfeld  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik
9	Module Manager Area Finance
10	Miscellaneous

valid for students of the ER 2021 (enrolment from winter semester 2021/22)

SpM Brand Management								
Module Code 1266MSBMG1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term		
1	Courses a) Brand Manag b) Digital Brand c) Building Bran	and Customer	•	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) 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.
- b) In today's increasingly digital landscape, businesses are constantly seeking innovative ways to gain a competitive edge. One powerful avenue for achieving this lies in the realm of digital brand and customer analytics. This lecture provides a comprehensive overview of how data-driven insights can shape and optimize brand strategies while enhancing the overall customer experience.

Participants will gain insights into how data from different sources (e.g., social media, reviews) can be harnessed to measure the achievement of desirable brand management outcomes via variables such as brand awareness and customer satisfaction. Further application contexts are the extraction of brand characteristics with optimization potential from review data, segmenting customers, and enhancing customer loyalty. Both fundamental methods (e.g. survey design, causality) and modern advanced methods (e.g. artificial intelligence, image classification) are covered. In the exercise sessions, participants will learn how to apply this knowledge practically with state-of-the-art analysis tools, using the software R.

Throughout the lecture, attendees will also gain insights into the ethical considerations surrounding digital brand and customer analytics. The discussion will touch upon topics such as data privacy and security, ensuring participants understand the importance of responsible data usage in today's digital marketing landscape.

By the end of this lecture, participants will have a solid foundation in digital brand and customer analytics, equipped with the knowledge and tools to harness data effectively to inform strategic decision-making, enhance brand performance, and create meaningful customer experiences in the digital era.

c) The course "Building Brands through Innovation" teaches how companies can leverage current macro trends (e.g., digital transformation, generative AI, need to protect the environment) to build strong brands and create an outstanding customer experience. Participants will get a comprehensive overview of the basic concepts, theories, and methods in product and business model innovation and their practical application, especially in the context of typical corporate vs. start-up challenges. Participants will be experiencing a highly immersive learning curriculum, amongst others through interactive sessions with top corporate and start-up leaders, covering various innovation practices, trends, challenges and some of the most up-to-date solutions.

#### 3 Learning Objectives

Students...

- ... understand advanced, specialized marketing theories, concepts, and methods in the domain of brand management.
- ... assess and discuss findings and research results of specialized marketing theories, concepts, and methods in the domain of brand management.
- ... act responsibly considering ecological, social and ethical criteria.

	know and understand the relevant methods and theories for the points mentioned above under "Module content".
4	Teaching and Learning Methods lecture practice
5	Module Entry Requirements Recommendation: Basic knowledge of marketing and multivariate methods (e.g., regression analysis, analysis of variance)
6	Mode of End-Of-Module Examination Written test: WT (60)
7	Prerequisites for Awarding of Credit Points Passing the module examination
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  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 Information Systems  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science International Management:     Supplementary Section International Management  Master of Science Business Administration - Marketing:     Specialisation Section Marketing  Master of Science Business Administration - Marketing:     Specialisation Section Marketing  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Science Geographie:     Supplementary Section Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research  Master of Arts Medienwissenschaft:     Ergänzungsbereich Medienmanagement und Medienökonomie  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungsbereich Wirtschaftspädagogik
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 semes ter (1. term) or from the middle of the semester onwards (2. term). You can find this information in

valid for students of the ER 2021 (enrolment from winter semester 2021/22)

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 Cus	tomer Manage	ment						
Module Code 1266MSCMG1		<b>Workload</b> 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Customer Mana	gement		Contact Hours 45h	Self-Stu- dies 135h	Course Language English		
2	The module cov both conceptual sions and guest literature in addi	Module Content  The module covers key questions and challenges of customer management (CRM). 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 literature in addition to attending lectures and participating in exercises. Furthermore, they are expected to organize their learning processes independently.						
3	Students understand accustomer manag analyse curre assess and di act responsib	understand advanced, specialized marketing theories, concepts, and methods in the domain of customer management analyse current questions and challenges in the area of customer management assess and discuss findings and research results of specialized theories / methods act responsibly considering ecological, social and ethical criteria know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	•	edge in marketin	g				
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 Master of Science Supple	ce Business Ac mentary Section ce Business Ac mentary Section	Iministration - Su on Supply Chain M Iministration - Aco on Accounting and Iministration - Fin on Finance	Management counting and Tad Taxation				

	Specialisation Section Marketing
	Master of Science Mathematik:
	Economics Sciences
	Master of Science Wirtschaftsmathematik:
	Economics Sciences
	Master of Science Informatik:
	Anwendungsfeld
	Master of Science Geographie:
	Wahlpflichtfach Management & Social Sciences
	Master of Arts Regionalstudien China - Betriebswirtschaftslehre:
	Ergänzungsbereich Business Administration
	Master of Science Sociology: Social and Economic Psychology:
	Supplementary Section Sociology: Social and Economic Psychology
	Master of Science Sociology: Social Research:
	Supplementary Section Sociology and Social Research
	Master of Arts Medienwissenschaft:
	Ergänzungsbereich Medienmanagement und Medienökonomie
	Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:
	Ergänzungbereich Wirtschaftspädagogik
9	Module Manager
	UnivProf. Dr. Werner Reinartz
	Only 1161 Bit World Remarks
10	Miscellaneous
	This module may consist of at least one course that takes place either until the middle of the semes-
	ter (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.
	<u>l'</u>

SpM Mark	eting Perform	ance Manag	gement				
Module Code 1266MSMPF1		<b>Workload</b> 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term	
1	Courses Marketing Performance Management			Contact Hours 45h	Self-Stu- dies 135h	Course Language English	
2	ceptual and app world of marketi dependently and	als with central lied elements, ng. Students a d self-responsit	including presenta re required to orga	ations by guest anise their own attending lecture	speakers and learning and v	ent and includes con- discussions from the vorking processes in- ating in exercises. In	
3	Learning Objectives Students analyse current questions and challenges that arise when quantifying and evaluating marke activities in financial terms assess and discuss findings and research results of specialised marketing theories, concept methods in the domain of marketing performance management act responsibly considering ecological, social and ethical criteria know and understand the relevant methods and theories for the points mentioned above und						
4	Teaching and L lecture practice	earning Meth.	ods				
5	Module Entry R Recommendation	-	edge of marketing	g and multivaria	ate methods		
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 Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  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:     Supplementary Section Management & Social Sciences  Master of Science International Management:     Supplementary Section International Management  Master of Science Business Administration - Marketing:						

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Specialisation Section Marketing Master of Science Mathematik: **Economics Sciences** Master of Science Wirtschaftsmathematik: **Economics Sciences** Master of Science Business Analytics & Econometrics: Supplementary Section Business Analytics & Econometrics Master of Science Informatik: Anwendungsfeld Master of Science Geographie: Wahlpflichtfach Management & Social Sciences Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungbereich Wirtschaftspädagogik 9 **Module Manager** Univ.-Prof. Dr. Marc Fischer 10 Miscellaneous This module may consist of at least one course that takes place either until the middle of the semester (1. term) or from the middle of the semester onwards (2. term). You can find this information in the KLIPS entry of the corresponding course. The corresponding examinations of courses that take place in the 1. term are often offered in the middle of the semester.

SpM Digita	al Strategy an	d Marketing	3			
Module Code 1266MSDSM1		180h 6 Language English		Module Availability every 2nd term - sum- mer term	<b>Duration</b> 1 Term	
1	Courses Digital Strategy and Marketing			Contact Hours 45h	Self-Stu- dies 135h	Course Language English
2	data is dramatic range of issues conceptual as w zation of industr etc.) as well as t	e of the internet ally changing s and questions rell as applied t ies. The modul the demand sid and to use ong	ociety and busine related to this "dig ools and framewo e aims at coverin le (customer, mar	esses. This mod gital" transforma orks to understa g both the supp keting, etc.). St	dule exposes si ation. The mod and business m bly side (infrasti audents are exp	and the abundance of tudents to a wide ule consists of both odels and the organi- ructure, operations, bected to share their s, IPOs, etc.) to apply
3	Learning Objectives Students understand economic and strategic frameworks related to industrial organization, business models, and tactical decisions analyse current questions and challenges related to the ongoing changes in business and society as a result of digital technologies assess and discuss findings and research results of specialised theories / methods 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 know and understand the relevant methods and theories for the points mentioned above under "Module content".					
4	Teaching and Learning Methods lecture practice					
5	Module Entry R Recommendation	· <del>-</del>	edge of marketinç	g and economic	es	
6	Mode of End-Of-Module Examination Written test: WT (60)					
7	Prerequisites for Passing the mod	_				
8	Supple Master of Science Supple Master of Science Supple Master of Science Supple	ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Information mentary Section ce Information mentary Section ce Information mentary Section ce Information ce Information section ce Information ce Informa	Iministration - Supon Supply Chain Maninistration - Acconting and Iministration - Fin Finance	Management counting and Tall Taxation ance:	axation:	

valid for students of the ER 2021 (enrolment from winter semester 2021/22)

Supplementary Section Corporate Development Master of Science Economics: Supplementary Section Management & Social Sciences Master of Science International Management: Supplementary Section International Management Master of Science Business Administration - Marketing: Specialisation Section Marketing Master of Science Mathematik: **Economics Sciences** Master of Science Wirtschaftsmathematik: **Economics Sciences** Master of Science Informatik: Anwendungsfeld Master of Science Geographie: Wahlpflichtfach Management & Social Sciences Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungbereich Wirtschaftspädagogik 9 **Module Manager** Univ.-Prof. Dr. Hernán Bruno 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.

CM Supply Chain Analytics I									
Module Cod 1271MBSCA		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term			
1	Courses Predictive Analy	rtics		Contact Hours 45h	Self-Stu- dies 135h	Course Language English			
2	<ul><li>Introduction D</li><li>Introduction P</li></ul>	Module Content  Introduction Data Analysis/Data Science Introduction Programming with Python  Methods of Demand Forecasting							
3	Students understand ac collect and ar methods communicate solve team-in justify and dei present scien develop work use technique	understand advanced, specialized theories / methods in the area of data science 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 develop work processes for real problems and challenges use techniques of scientific work and good scientific practice know and understand the relevant methods and theories for the points mentioned above under							
4	Teaching and L lecture practice	earning Meth	ods						
5	Module Entry R	Requirements							
6	Mode of End-O Written test: PO		mination						
7	Prerequisites for Passing the modern								
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:         Core Section Supply Chain Management  Master of Science Economics:         Supplementary Section Management & Social Sciences  Master of Science Business Administration - Accounting and Taxation:         Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:         Supplementary Section Finance  Master of Science Business Administration - Marketing:         Supplementary Section Marketing  Master of Science Information Systems:         Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:								

10	Miscellaneous
9	Module Manager Prof. Dr. Nicolas Fugger Area Supply Chain Management
	Supplementary Section Corporate Development  Master of Science International Management:     Supplementary Section International Management  Master of Science Mathematik:     Economics Sciences  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Informatik:     Anwendungsfeld  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Arts Regionalstudien China - Betriebswirtschaftslehre:     Ergänzungsbereich Business Administration  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik

SpM Supply Chain Operations								
Module Co 1271MSSO		<b>Workload</b> 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-Stu- dies 135h	Course Language English		
2	Inventory Man     Contract Desig     Capacity and	Module Content Inventory Management Contract Design Capacity and Revenue Management Supply Chain Management						
3	Students understand ac analyse curre communicate discuss scient cialists present scient act responsib use technique	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 know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	-	pply Chain Analyt	ics I should ha	ve been comple	eted.		
6	Mode of End-O Written test: PO		mination					
7	Prerequisites for Passing the mod	_						
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Specialisation Section Supply Chain Management  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:							

10	Miscellaneous
9	Module Manager Area Supply Chain Management UnivProf. Dr. Ulrich W. Thonemann
	Supplementary Section Corporate Development  Master of Science International Management:     Supplementary Section International Management  Master of Science Mathematik:     Economics Sciences  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Informatik:     Anwendungsfeld  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Arts Regionalstudien China - Betriebswirtschaftslehre:     Ergänzungsbereich Business Administration  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik

SpM Sup	ply Chain Plan	ning						
Module Code 1271MSSPL1		<b>Workload</b> 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - sum- mer term	<b>Duration</b> 1 Term		
1	Courses a) Project Mana b) Production Mana	-		Contact Hours a) 45h b) 45h	Self-Studies a) 135h b) 135h	Course Language a) English b) German		
2	a) Project Mana Project Definit Project Risk A Resource Allo Project Sched Project Monito Project Portfol Managing Hur b) Production M Supply Chain Demand Plant Program Plant	Module Content Selected topics in Supply Chain Management:  a) Project Management: 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  b) Production Management: Supply Chain Design Demand Planning Program Planning Program Planning Lotsizing and Scheduling						
3	analyse curre assess and di communicate justify and del act responsibl critically evalu	dvanced, speci nt questions are iscuss findings continuously a fend (independ ly considering uate current so derstand the re	ialized theories / rad challenges in Sand research research research gurposefully ilently developed) ecological, social developments levant methods a	Supply Chain Plaults of specialized in diverse teams positions or programd ethical critics and develop as a supplementation of the control of	anning. red theories / ns. bblem solutions eria. ulternative solut	nethods.		
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R Recommendation	_	pply Chain Analyt	ics I and II sho	uld have been	completed.		
6	Mode of End-O Written test: PO	Mode of End-Of-Module Examination Written test: PO						
7	Prerequisites for Passing the write relates to the co	ten examinatio	n of one course.	A course is to b	e attended; the	e written examination		

8	Other Programmes that Use the Module					
Ū	Master of Science Business Administration - Supply Chain Management:					
	Specialisation Section Supply Chain Management					
	Master of Science Economics:					
	Supplementary Section Management & Social Sciences					
	Master of Science Business Administration - Accounting and Taxation:					
	Supplementary Section Accounting and Taxation					
	Master of Science Business Administration - Finance:					
	Supplementary Section Finance					
	Master of Science Business Administration - Marketing:					
	Supplementary Section Marketing					
	Master of Science Information Systems:					
	Supplementary Section Information Systems					
	Master of Science Business Administration - Corporate Development:					
	Supplementary Section Corporate Development  Master of Science International Management:  Supplementary Section International Management					
	Master of Science Mathematik:					
	Economics Sciences					
	Master of Science Wirtschaftsmathematik:					
	Economics Sciences					
	Master of Science Informatik:					
	Anwendungsfeld					
	Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:					
	Ergänzungbereich Wirtschaftspädagogik					
9	Module Manager					
	Area Supply Chain Management					
10	Miscellaneous					

Module Code 1271MSIBS1		Workload 180h  ECTS Credits 6  Module Language English		Module Availability every 2nd term - sum- mer term	Duration 1 Term			
1	Courses Behavioral Supp	oly Chain Mana	agement	Contact Hours 45h	Self-Stu- dies 135h	Course Language English		
2	Behavioural D     Behavioural M	Module Content  • Behavioural Decision Making  • Behavioural Management  • Decision Heuristics						
3	Students understand ac assess and di collect and an methods prepare indep communicate justify and del present scien use technique	understand advanced, specialized theories / methods in Behavioural Operations Management assess and discuss findings and research results of specialized theories / methods collect and analyse data material for selected scientific questions using quantitative / qualitative methods prepare independently a research design for a question communicate continuously and purposefully in diverse teams justify and defend (independently developed) positions or problem solutions present scientific results in a way that is appropriate for the target audience use techniques of scientific work and good scientific practice know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	-	nodules Supply C	hain Analytics	I and II should I	nave been completed.		
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 Business Administration - Supply Chain Management:     Specialisation Section Supply Chain Management  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:							

	Supplementary Section Corporate Development  Master of Science International Management:     Supplementary Section International Management  Master of Science Mathematik:     Economics Sciences  Master of Science Wirtschaftsmathematik:     Economics Sciences  Master of Science Informatik:     Anwendungsfeld  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik
9	Module Manager Prof. Dr. Nicolas Fugger Area Supply Chain Management
10	Miscellaneous

SpM Supply Chain Innovation								
Module Code 1271MSSIN1	•	<b>Workload</b> 180h	ECTS Credits 6	<b>Duration</b> 1 Term				
1	Courses Supply Chain Innovation			Contact Hours 45h	Self-Stu- dies 135h	Course Language English		
2	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	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 know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	equirements						
6	Mode of End-O Written test: PO	f-Module Exa	mination					
7	Prerequisites for Passing the mod	_						
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:  Specialisation Section Supply Chain Management  Master of Science International Management:  Supplementary Section International Management							
9	Module Manager UnivProf. Dr. Fabian Sting Area Supply Chain Management							
10	Miscellaneous							

CM Infor	mation System	s I						
<b>Module Code</b> 1277MBISY1		Workload 180h ECTS Credits 6		Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses Information Syst tainability	tems and Envir	onmental Sus-	Contact Hours 60h	Self-Stu- dies 120h	Course Language English		
2	Module Content Forms and types of sustainability Key sustainability indicators Green IT Green IS Transformation potential of information systems for organizational sustainability Sustainable development of information systems Sustainable use of information systems Sustainable management of information systems							
3	Learning Objectives Students understand methods and theories in the area of sustainable development, use and management of information systems analyse current questions and challenges in the area of organisational sustainability 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 know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	Requirements						
6		Mode of End-Of-Module Examination Written test: WT (90)						
7	Prerequisites for Awarding of Credit Points Passing the module examination							
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science International Management:							

	Supplementary Section International Management Master of Science Information Systems: Core Section Information Systems Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungbereich Wirtschaftspädagogik
9	Module Manager Prof. Dr. Stefan Seidel
10	Miscellaneous There may be case studies and exercises to be prepared in groups and presented by the students in class. The solutions presented will be analysed and discussed. Students will be advised of compulsory reading on a term-by-term basis.

CM Infor	mation System	s II						
<b>Module Code</b> 1277MBISY2		<b>Workload</b> 180h	ECTS Credits 6	<b>Module Language</b> English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Analytics and Ap	oplications		Contact Hours 60h	Self-Stu- dies 120h	Course Language English		
2	Module Content Introduction to data analysis and business intelligence processes Components of the data science (business) process Use of data and information for business models Business analytics, predictive modeling & machine learning Methods from supervised and unsupervised learning Evaluation and tuning of machine learning models Data/text/web mining, gaining insights from raw data							
3	Learning Objectives Students understand advanced, specialized theories / methods in the area of Data Science and Machine Learning solve team-internal conflicts and target divergences independently justify and defend (independently developed) positions or problem solutions develop work processes for real problems and challenges know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and L lecture practice							
5	Module Entry R	Module Entry Requirements none						
6		Mode of End-Of-Module Examination Written test: PO						
7	_	Prerequisites for Awarding of Credit Points Passing the module examination						
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science International Management:     Supplementary Section International Management  Master of Science Information Systems:							

	Core Section Information Systems Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungbereich Wirtschaftspädagogik
9	Module Manager UnivProf. Dr. Wolf Ketter
10	Miscellaneous Please read the syllabus before joining this class. The participation in the first lecture is strongly recommended.

CM Digita	al Transformati	on						
Module Code 1277MBDTF1		<b>Workload</b> 180h	ECTS Credits	<b>Module Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses Digital Transform	nation and Inno	ovation	Contact Hours 45h	Self-Stu- dies 135h	Course Language English		
2	Module Content The Digital Transformation phenomenon: What do we understand by "Digital Transformation"? W is the scope of the phenomenon, what are examples? How can we structure the phenomenon for discussion?  Key Business Trends: Which trends affect value creation? Which trends a digital leader has to loc out for?  Digital Leadership: What are the most important topics for a digital leader? [Ambidexterity, Innovator's Dilemma, Toxic Thinking, Change Management, Leadership]  Business Patterns: What is a business model and how to describe it? Why and how can we syste atically innovate a business models? Which tools can we use?  Managing External Resources: Why we need to extent traditional information management toward IM 2.0. What are strategic implications of public social media for companies? Which role plays crowdsourcing and the gig-economy?  Everything-as-a-Service: From products to services / the economics of cloud computing /servitization / sharing economy  Platforms: What are platform-type business models and how are they different?  What are managerial decisions regarding platform businesses?  Competing on Analytics: How can companies gain competitive advantage through better decision making?  Blockchain and Crypto: What is it? How to transform centralized organizations; DeFi, DAO, Smar							
3	Learning Objectives Students analyse current questions and challenges of digital transformation and business model innovation justify and defend (independently developed) positions or problem solutions critically evaluate current social developments and develop alternative solutions know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and Learning Methods lecture practice							
5	Module Entry R	Module Entry Requirements none						
6		Mode of End-Of-Module Examination Written test: WT (60)						
7	Prerequisites for Passing the mod	_						
8		ce Business Ad	the Module Iministration - Su on Supply Chain N		nagement:			

	Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science International Management:     Supplementary Section International Management  Master of Science Information Systems:     Core Section Information Systems  Master of Arts Medienwissenschaft:     Ergänzungsbereich Medienmanagement und Medienökonomie  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:     Ergänzungbereich Wirtschaftspädagogik
9	Module Manager UnivProf. Dr. Detlef Schoder
10	Miscellaneous Students will be advised of compulsory reading on a term-by-term basis.

Module Code 1277MSSIS1		<b>Workload</b> 180h	ECTS Credits	Module Language English	Module Availability every term	<b>Duration</b> 1 Term
1	Networks (Prof. b) Information S a Sustainable S c) Advanced Se Digital Technology	Gloor) ystems Resea ociety (Prof. Kominar Informat ogy (Prof. Seide minar Machine	ion Systems and el) e Learning (Jun	Contact Hours a) 30h b) 30h c) 30h d) 30h e) 30h	Self-Studies a) 150h b) 150h c) 150h d) 150h e) 150h	Course Language a) English b) English c) English d) English e) English

### 2 Module Content

Selected issues and varying topics in the area of Information Systems, related either to theory or methods. Topics are primarily related to:

a)

- Collaborative Innovation Networks (COINs)
- swarm creativity, and coolhunting/ coolfarming
- Social Network analysis
- · Sentiment analysis
- · Digital platforms for collaboration and creativity

#### b) and c)

Data Science and Business Analytics

Future Energy Business

**Future Mobility** 

Learning Agents

Sharing Economy

**Smart Markets** 

Human-Al Collaboration

c)

- Conceptual Modeling
- Business Process Management
- Information Systems Development
- Systems Analysis and Design
- Digital Innovation
- Digital Entrepreneurship
- Green IS
- Environmental Sustainability

d)

- Supervised, Unsupervised, and Semi-Supervised Learning
- Clustering, Principal Component Analysis, High-dimensional Data
- Transfer Learning and Federated Learning
- Neural Network, Convolutional Neural Network, Graph Convolutional Network
- Recurrent Neural Networks for Natural Language Process and More
- Self-supervised Learning
- Reinforcement Learning

	e) Current topics of Information Management. Participants take on sub-projects of current research projects of the chair. The course enables participants to write and publish and academic IS paper.  Exemplary topics: Business Analytics Artificial Intelligence in Trading, Health and Logistics Openness Smart Harvesting Al-generated Aesthetic Layout Generative Al
3	Learning Objectives Students prepare independently a research design for a question solve team-internal conflicts and target divergences independently use techniques of scientific work and good scientific practice know and understand the relevant methods and theories for the points mentioned above under "Module content".
4	Teaching and Learning Methods seminar
5	Module Entry Requirements none
6	Mode of End-Of-Module Examination Combined examination: PRES, TP
7	Prerequisites for Awarding of Credit Points  Passing the module examination. 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 International Management:     Supplementary Section International Management  Master of Science Information Systems:     Specialisation Section Information Systems
9	Module Manager UnivProf. Dr. Detlef Schoder
10	Miscellaneous  Course registration for advanced seminars in Information Systems is usually organized in a joint process for all advanced seminar courses in one semester. Students are required to provide preferences for at least two different advanced seminar courses in KLIPS during the first enrolment period ("1. Belegungsphase"). Registration is usually not possible during the second enrolment period ("2. Belegungsphase") or during the enrolment period for remaining places ("Restplatzvergabe"). Students are then assigned to a specific advanced seminar, based on the provided preferences and capacities. Delivery and discussion of presentations, prepared in the form of written papers under guidance. Students will generally be advised of compulsory reading and the topics for the presentations towards the end of the preceding term. Which topics are to be assigned to which students is decided after they have been advised of the topics available, towards the end of the preceding term. To enhance the learning outcome and expand the creative component, the advanced seminar can also be project-based or in the style of a case study. In these cases, a specifically defined assignment is given in addition to the compulsory reading. The written paper and the presentation then report on the apporaches taken when attempting to answer the question or solve the task on the literature and the students' own work.

SpM Seminar Information Systems II								
Module Code 1277MSSIS2		Workload 180h ECTS Credits 6		Module Language English	Module Availability every term	Duration 1 Term		
1277MSSIS2  180h  6  Courses  a) Advanced Seminar Collaborative Innovation Networks (Prof. Gloor) b) Information Systems Research: Analytics for a Sustainable Society (Prof. Ketter) c) Advanced Seminar Information Systems and Digital Technology (Prof. Seidel) d) Advanced Seminar Machine Learning (JunProf. Li) e) Advanced Seminar Information Management (Prof. Schoder)		Contact Hours a) 30h b) 30h c) 30h d) 30h e) 30h	Self-Studies a) 150h b) 150h c) 150h d) 150h e) 150h	Course Language a) English b) English c) English d) English e) English				

### 2 Module Content

Selected issues and varying topics in the area of Information Systems, related either to theory or methods. Topics are primarily related to:

a)

- Collaborative Innovation Networks (COINs)
- swarm creativity, and coolhunting/ coolfarming
- · Social Network analysis
- · Sentiment analysis
- Digital platforms for collaboration and creativity

b)

- Business intelligence
- Data Science and Business Analytics
- Future Energy Business
- Learning Agents
- · Sharing Economy
- Smart Markets

c)

- · Conceptual Modeling
- Business Process Management
- Information Systems Development
- Systems Analysis and Design
- Digital Innovation
- Digital Entrepreneurship
- Green IS
- · Environmental Sustainability

d)

- · Supervised, Unsupervised, and Semi-Supervised Learning
- Clustering, Principal Component Analysis, High-dimensional Data
- Transfer Learning and Federated Learning
- · Neural Network, Convolutional Neural Network, Graph Convolutional Network
- Recurrent Neural Networks for Natural Language Process and More
- · Self-supervised Learning
- · Reinforcement Learning

valid for students of the ER 2021 (enrolment from winter semester 2021/22)

e) Current topics of Information Management. Participants take on sub-projects of current research projects of the chair. The course enables participants to write and publish and academic IS paper. Exemplary topics: **Business Analytics** Artificial Intelligence in Trading, Health and Logistics Openness **Smart Harvesting** Al-generated Aesthetic Layout Generative AI 3 **Learning Objectives** Students... ... prepare independently a research design for a question. ... solve team-internal conflicts and target divergences independently. ... use techniques of scientific work and good scientific practice. ... know and understand the relevant methods and theories for the points mentioned above under "Module content". 4 **Teaching and Learning Methods** seminar 5 **Module Entry Requirements** none 6 Mode of End-Of-Module Examination Combined examination: PRES, TP 7 **Prerequisites for Awarding of Credit Points** Passing the module examination. 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 International Management: Supplementary Section International Management Master of Science Information Systems: Specialisation Section Information Systems 9 **Module Manager** Univ.-Prof. Dr. Detlef Schoder 10 Miscellaneous Course registration for advanced seminars in Information Systems is usually organized in a joint process for all advanced seminar courses in one semester. Students are required to provide preferences for at least two different advanced seminar courses in KLIPS during the first enrolment period ("1. Belegungsphase"). Registration is usually not possible during the second enrolment period ("2. Belegungsphase") or during the enrolment period for remaining places ("Restplatzvergabe"). Students are then assigned to a specific advanced seminar, based on the provided preferences and capacities. Delivery and discussion of presentations, prepared in the form of written papers under guidance. Students will generally be advised of compulsory reading and the topics for the presentations towards the end of the preceding term. Which topics are to be assigned to which students is decided after they have been advised of the topics available, towards the end of the preceding term. To enhance the learning outcome and expand the creative component, the advanced seminar can also be project-based or in the style of a case study. In these cases, a specifically defined assignment is given in addition to the compulsory reading. The written paper and the presentation then report on

valid for students of the ER 2021 (enrolment from winter semester 2021/22)

the apporaches taken when attempting to answer the question or solve the task on the literature and the students' own work.

			I	I	I			
Module Code 1335MBCPI1		<b>Workload</b> 180h	ECTS Credits 6	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Comparative Po	litical Institutio	ns	Contact Hours 30h	Self-Stu- dies 150h	Course Language English		
2	Module Content Institutionalism and neoinstitutionalism Veto player and veto point theory Theory of structure-induced equilibria Problem areas: aggregation of individual preferences, coordination of individual decisions, collective action, delegation relationships and risk of "agency loss" Time consistency and commitments Endogeneity of institutions and institutional reform Empirical findings of conventional international comparative studies							
3	Learning Objectives Students understand advanced, specialised theories / methods assess and discuss findings and research results of specialised theories / methods justify and defend (independently developed) positions or problem solutions evaluate their own action processes in self- and external reflection and identify development potentials know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and L	earning Meth	ods					
5	Module Entry R	Module Entry Requirements none						
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 Arts Regionalstudien China - Sozialwissenschaften:     Ergänzungsbereich Sozialwissenschaften  Master of Science Economics:     Supplementary Section Management & Social Sciences  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  Master of Science International Management:     Supplementary Section International Management  Master of Arts Politikwissenschaft:							

	Core Section Political Science  Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften:         Ergänzungsbereich Sozialwissenschaften  Master of Arts Regionalstudien Lateinamerika - Sozialwissenschaften:         Ergänzung Sozialwissenschaften  Master of Science Geographie:         Wahlpflichtfach Management & Social Sciences  Master of Science Sociology: Social and Economic Psychology:         Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:         Supplementary Section Sociology and Social Research
9	Module Manager UnivProf. Dr. André Kaiser
10	Miscellaneous

arative Politic	al Economy	/					
<b>Module Code</b> 1335MBCPE1		ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - sum- mer term	<b>Duration</b> 1 Term		
Courses Comparative Po	litical Economy	/	Contact Hours 30h	Self-Stu- dies 150h	Course Language English		
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							
Students understand ac assess and de justify and dei evaluate their tentials know and und	dvanced, spec iscuss findings fend (independ own action pro derstand the re	and research res lently developed) ocesses in self- a	sults of specialis positions or pro nd external refl	oblem solutions ection and ider	s. tify development po-		
Teaching and Learning Methods lecture							
Module Entry R	Module Entry Requirements none						
		mination					
Prerequisites for Awarding of Credit Points Passing the module examination							
Master of Arts R Ergänz Master of Science Supple Master of Arts P	tegionalstudier ungsbereich S ce Economics: mentary Sectic ce Business Admentary Sectic ce Information mentary Sectic ce Economic R mentary Sectic ce Internationa sectic ce International section s	or China - Sozialwi ozialwissenschaft on Management & dministration - Fin on Finance Systems: on Information Systesearch: on Economic Resel I Management: on International Manaft:	ten Social Science ance: stems earch	es			
	Courses Comparative Po  Module Content Approaches u International o Internatio	Courses Comparative Political Economy  Module Content	Courses Comparative Political Economy  Module Content  • Approaches used in political economy and cone International comparison of the political economy.  • International comparison of political and institution in the specific research methods in comparative political economy.  • International comparison of political and institution in the specific research methods in comparative political economy.  • Specific research methods in comparative political economy.  • Students  • International advanced, specialised theories / research research research research research research ground in the search research research ground in the search research research ground in the research research research ground in the research research research ground in the research research ground in the research research ground in the resea	Courses	Workload   180h   ECTS Credits   Module   Language   English   English   Erm - summer term		

	Ergänzung Sozialwissenschaften  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research
9	Module Manager UnivProf. Dr. Christine Trampusch
10	Miscellaneous

<b>Module Code</b> 1335MBDTP1		<b>Workload</b> 180h	ECTS Credits	<b>Module Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses Democratic The	ory and Practi	ce	Contact Hours 30h	Self-Stu- dies 150h	Course Language English		
2	<ul><li>Survey of clas</li><li>Conceptualizin</li><li>Assessing real</li><li>zation</li></ul>	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, globali zation     Evaluating and comparing the performance of democracies and non-democracies						
3	Students understand ac assess and di justify and dei evaluate their tentials know and und	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 positions.						
4	Teaching and L	Teaching and Learning Methods lecture						
5	Module Entry R	Module Entry Requirements none						
6		Mode of End-Of-Module Examination Written test: WT (60)						
7	<u> </u>	Prerequisites for Awarding of Credit Points Passing the module examination						
8	Ergänz Master of Science Supple Master of Arts P	tegionalstudier ungsbereich S ce Economics mentary Section ce Business A mentary Section mentary Section ce Economic F mentary Section mentary Section ce Internation mentary Section ce Internation mentary Section	n China - Sozialwi Sozialwissenschaft: on Management & dministration - Fin on Finance Systems: on Information Systems: on Economic Research: on Economic Reseal Management: on International Manaft:	ten Social Scienc ance: stems earch	es			

10	Miscellaneous
9	Module Manager JunProf.' Chitralekha Basu, Ph.D
	Master of Arts Regionalstudien Lateinamerika - Sozialwissenschaften:

CM Inter	national Relation	ons						
Module Code 1335MBIRE1		Workload 180h ECTS Credits 6		Module Language German and English	Module Availability every 2nd term - sum- mer term	<b>Duration</b> 1 Term		
1	Courses International Re	lations		Contact Hours 30h	Self-Stu- dies 150h	Course Language German and English		
2	<ul> <li>International F</li> <li>Foreign Policy</li> <li>Transnational</li> <li>Peace and color</li> <li>Security Policy</li> <li>Information and</li> </ul>	Module Content International Politics Foreign Policy Transnational Politics Peace and conflict studies Security Policy Information and Communication Multi-level analysis						
3	Students understand ac assess and di justify and del evaluate their tentials.	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 know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L	Teaching and Learning Methods seminar						
5	Module Entry R	Module Entry Requirements none						
6		Mode of End-Of-Module Examination Combined examination: PRES, TP						
7	-	Prerequisites for Awarding of Credit Points Passing the module examination						
8	Other Programmes that Use the Module  Master of Arts Regionalstudien China - Sozialwissenschaften:     Ergänzungsbereich Sozialwissenschaften  Master of Science Economics:     Supplementary Section Management & Social Sciences  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  Master of Science International Management:     Supplementary Section International Management  Master of Arts Politikwissenschaft:     Core Section Political Science							

	Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften:
9	Module Manager UnivProf. Dr. Thomas Jäger
10	Miscellaneous

CM Euro	pean Politics							
Module Code 1335MBCED1		<b>Workload</b> 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses European Politic	es		Contact Hours 30h	Self-Stu- dies 150h	Course Language English		
2	<ul> <li>Analytical mod</li> <li>Functioning of</li> <li>Parties and Pa</li> <li>Comparative A</li> </ul>	Module Content  Analytical models of European politics Functioning of democracy in European nation states and in the European Union Parties and Party Competition in Europe Comparative Analysis of Political Institutions in Europe Current Developments in Research on European Politics						
3	Students understand ac assess and di justify and dei evaluate their tentials know and und	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 po-						
4	Teaching and L	Teaching and Learning Methods lecture						
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	Other Programmes that Use the Module  Master of Arts Regionalstudien China - Sozialwissenschaften:         Ergänzungsbereich Sozialwissenschaften  Master of Science Economics:         Supplementary Section Management & Social Sciences  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  Master of Science International Management:         Supplementary Section International Management  Master of Arts Politikwissenschaft:         Core Section Political Science  Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften:         Ergänzungsbereich Sozialwissenschaften							

10	Miscellaneous
9	Module Manager UnivProf. Dr. Sven-Oliver Proksch
	Master of Arts Regionalstudien Lateinamerika - Sozialwissenschaften:

SpM Spe	cial Topics Pol	itical Scien	ce I					
Module Code 1335MSPIR1		<b>Workload</b> 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Seminar Politica tion	I Institutions ar	nd Representa-	Contact Hours 30h	Self-Stu- dies 150h	Course Language English		
2	<ul> <li>Classic and m tutions</li> <li>Institutionalism</li> <li>Democratic re</li> <li>Classic and m</li> <li>Representatio</li> </ul>	Module Content  Classic and modern approaches in comparative political science and the analysis of political institutions  Institutionalism  Democratic regimes  Classic and modern approaches in political theory and democratic theory  Representation in political systems  Elections and the electorate						
3	Students analyse curre collect, syster solve team-in discuss scien cialists evaluate their tentials know and und	analyse current questions and challenges collect, systematize and synthesize independently literature on selected scientific questions solve team-internal conflicts and target divergences independently discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists evaluate their own action processes in self- and external reflection and identify development po-						
4	Teaching and L	Teaching and Learning Methods seminar						
5	Module Entry R	Module Entry Requirements none						
6		Mode of End-Of-Module Examination Combined examination: PRES, TP						
7		Prerequisites for Awarding of Credit Points Passing the module examination						
8	Ergänz Master of Science Supple Master of Science Supple Master of Science Supple Master of Science Supple Master of Arts P	egionalstudien ungsbereich Sce Economics: mentary Section de Business Admentary Section de Information mentary Section de International mentary Section de International mentary Section olitikwissensch	China - Sozialwi ozialwissenschaft on Management & dministration - Fin on Finance Systems: on Information Syst I Management: on International M	en Social Science ance: stems anagement	es ·			

	Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften:
9	Module Manager Fachbereich Politikwissenschaft
10	Miscellaneous

SuM Economic Geography I								
Module Code 1343MEEGY1		<b>Workload</b> 180h			Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Start-ups and In ion	Start-ups and Innovation in the European Un- Hours dies English						
2	<ul><li>Spatial patterr</li><li>Geographical torial innovation</li></ul>	Module Content  Spatial patterns of economic activities in the European Union Geographical and interdisciplinary approaches to entrepreneurship, innovation, creativity and tentorial 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 def critically evalu policy makers ba	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 in 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.  know and understand the relevant methods and theories for the points mentioned above under						
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	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 Arts Regionalstudien China - Sozialwissenschaften:     Ergänzungsbereich Sozialwissenschaften  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science International Management:     Supplementary Section International Management  Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:     Ergänzungsbereich Volkswirtschaftslehre  Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:     Ergänzungsbereich Economics							

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SuM Eco	nomic Geograp	ohy II							
Module Code 1343MEEGY2		<b>Workload</b> 180h	ECTS Credits	<b>Module Language</b> English	Module Availability every 2nd term - sum- mer term	Duration 1 Term			
1	Courses Digitalization, Sr Regions	Course Language English							
2	<ul> <li>Digitalization a</li> <li>Geographical</li> <li>Smart Manufa</li> <li>Smart regiona</li> <li>Regional Inno</li> <li>Digitalization o</li> </ul>	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 acthe areas of proc analyse chara write an acad achieve thereby justify and def critically evaluand large firms,	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 know and understand the relevant methods and theories for the points mentioned above under							
4	Teaching and L	earning Meth	ods						
5	Module Entry R	Requirements							
6	Mode of End-O Combined exam								
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 Business Administration - Finance:     Supplementary Section Finance  Master of Arts Regionalstudien China - Sozialwissenschaften:     Ergänzungsbereich Sozialwissenschaften  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science International Management:     Supplementary Section International Management								

SuM Econ	SuM Economic Geography III							
Module Code 1343MEEGY3		<b>Workload</b> 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Global South an Business: Ethics ance			Contact Hours 30h	Self-Stu- dies 150h	Course Language English		
2	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	Learning Objectives Students understand advanced, specialized theoretical approaches to sustainability, ethics, corporate responsibility and governance in the context of a globalized economy assess and discuss analyse drivers and limitations of corporate social responsibility (CSR) and regional social responsibility (RSR) in global value chains collect, systematize and synthesize independently literature from economic geography and related disciplines as well as secondary data discuss the effects of foreign direct investment in countries of the Global South with regard to local resource pools and sustainable development critically evaluate upgrading strategies in global value chains as drivers for growth and development know and understand the relevant methods and theories for the points mentioned above under							
4	Teaching and L	earning Metho	ods					
5	Module Entry R	equirements						
6	Mode of End-O Combined exam							
7	Prerequisites for Awarding of Credit Points Passing the module examination							
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Arts Regionalstudien China - Sozialwissenschaften:     Ergänzungsbereich Sozialwissenschaften  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science International Management:     Supplementary Section International Management							

SuM Eco	onomic Geograp	ohy IV						
Module Code 1343MEEGY4		<b>Workload</b> 180h	ECTS Credits 6 Module Language German		Module Availability every 2nd term - sum- mer term	<b>Duration</b> 1 Term		
1	Courses Methods in Regi	ional Research		Contact Hours 30h	Self-Stu- dies 150h	Course 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 indeprent issues in ed write an acad communicate critically evalu	collect and analyse data material for selected scientific questions using quantitative / qualitative methods prepare independently a qualitative, quantitative or mixed-method research design to analyse current issues in economic geography write an academic paper on a selected topic and achieve thereby their own scientific contribution communicate continuously and purposefully in diverse teams critically evaluate issues of positionality and ethics in geographical field work know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L	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 Business Administration - Finance:     Supplementary Section Finance  Master of Arts Regionalstudien China - Sozialwissenschaften:     Ergänzungsbereich Sozialwissenschaften  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science International Management:     Supplementary Section International Management  Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:     Ergänzungsbereich Volkswirtschaftslehre  Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:     Ergänzungsbereich Economics  Master of Arts Regionalstudien China - Volkswirtschaftslehre:     Ergänzungsbereich Volkswirtschaftslehre							

	Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Arts Regionalstudien Ost- und Mitteleuropa - Sozialwissenschaften:     Ergänzungsbereich Sozialwissenschaften  Master of Arts Regionalstudien Lateinamerika - Sozialwissenschaften:     Ergänzung Sozialwissenschaften  Master of Arts Regionalstudien China - Betriebswirtschaftslehre:     Ergänzungsbereich Business Administration  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research
9	Module Manager UnivProf. Dr. Martina Fuchs
10	Miscellaneous

SuM Intro	SuM Introduction to Economic Psychology							
Module Code 1320MEIEP1		<b>Workload</b> 360h	ECTS Credits 12	Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses Introduction to E	conomic Psych	nology	Contact Hours 60h	Self-Stu- dies 300h	Course Language English		
2	Basic concept     Economic psy kets     Economic psy	Module Content  Basic concepts in economic psychology  Conomic psychology and its application in consumer markets, labour markets, and financial makets  Conomic psychology and its application in macroeconomic contexts  Current developments in applied economic psychology						
3	Students understand ac collect, syster justify and del use technique	understand advanced, specialized theories / methods 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 know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L	Teaching and Learning Methods seminar						
5	Module Entry R	Module Entry Requirements none						
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 Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science International Management:     Supplementary Section International Management  Master of Arts Politikwissenschaft:     Supplementary Section Political Science							

9	Module Manager UnivProf. Dr. Erik Hölzl
10	Miscellaneous

SpM Selected Issues in International Management I							
Module Code 1015MSINM1		<b>Workload</b> 180h	ECTS Credits	Module Language English	Module Availability irregular	<b>Duration</b> 1 Term	
1	Courses Selected Issues	in Internationa	l Management 1	Contact Hours 60h	Self-Stu- dies 120h	Course Language English	
2	Module Content Topics in International Management						
3	Learning Objectives Students analyse current issues in the field of international management know and understand the relevant methods and theories for the points mentioned above under "Module content".						
4	Teaching and Learning Methods lecture practice						
5	Module Entry Requirements none						
6	Mode of End-Of-Module Examination Written test: WT (60)						
7	Prerequisites for Awarding of Credit Points Passing the examination						
8	Other Programmes that Use the Module  Master of Science International Management:  Supplementary Section International Management						
9	Module Manager CEMS Programm Manager						
10	Miscellaneous						

SpM Selec	ted Issues in	Internation	al Manageme	nt II		
Module Code 1015MSINM2		<b>Workload</b> 180h	ECTS Credits	Module Language English	Duration 1 Term	
1	Courses Selected Issues in International Management 2			Contact Hours 30h	Self-Stu- dies 150h	Course Language English
2	Module Conten Topics in Intern		ement			
3	Learning Objectives Students analyse current issues in the field of international management know and understand the relevant methods and theories for the points mentioned above unde "Module content".				tioned above under	
4	Teaching and Learning Methods seminar Research project					
5	Module Entry Requirements none					
6	Mode of End-Of-Module Examination Combined examination: PRES, TP					
7	Prerequisites for Awarding of Credit Points depending on course choice					
8	Other Programmes that Use the Module  Master of Science International Management:  Supplementary Section International Management					
9	Module Manage CEMS Program					
10	Miscellaneous					

Module Code		ı	nalysis I	T		
		<b>Workload</b> 180h	ECTS Credits	<b>Module Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term
1		Courses  a) Probability and Statistical Inference b) Topics in Econometrics and Statistics I			Self-Studies a) 135h b) 135h	Course Language a) English b) English
2		of probability the nt estimation an othesis testing	eory d estimation tech and selected test		aximum likeliho	ood)
3	Learning Objectives Students understand advanced, specialised theories / methods know and understand the relevant methods and theories for the points mentioned above unde "Module content".					tioned above under
4	Teaching and Learning Methods lecture practice					
5	Module Entry Requirements Recommendation: solid basic knowledge of probability theory					
6	Mode of End-O Written test: WT		mination			
7	Prerequisites for Passing the write relates to the co	ten examination	n of one course.	A course is to b	e attended; the	written examination
8	Supple Master of Scient Supple Master of Scient Supple	ce Business Ac mentary Section ce Business Ac mentary Section ce Business Ac mentary Section	Iministration - Su In Supply Chain M Iministration - Aco In Accounting and Iministration - Fin	Management counting and Taxation ance:		

	Supplementary Section International Management  Master of Science Business Administration - Marketing:
9	Module Manager UnivProf. Dr. Dominik Wied
10	Miscellaneous

<b>flodule Co</b> 314MSEM		<b>Workload</b> 180h	ECTS Credits	Module Language	Module Availability	<b>Duration</b> 1 Term			
				English	every 2nd term - winter term				
1	Courses			Contact	Self-Stud-	Course Language			
	a) Microeconom			Hours a) 45h	ies a) 135h	a) English b) English			
	b) Machine Learning for Economists c) Topics in Econometrics and Statistics II			b) 45h c) 45h	b) 135h c) 135h	c) English			
2	Module Conten	t		<u> </u>	<u> </u>				
	a) Microeconom	etrics							
	Limited depend								
		Evaluation of treatment effects (Causal analysis)							
	-	Nonparametric density and regression estimation     Ouantile and distribution regressions							
		Quantile and distribution regressions     Panel data							
		Duration models							
	b) Machine Lear	b) Machine Learning for Economists							
	Cross Validation	Cross Validation, Bias-Variance Tradeoff							
	Regularization, LASSO, Ridge, Elastic Net								
	• Optimization								
	Decision trees     Fraggette Learning Conding Receiver								
		Ensemble Learning, Gradient Boosting     Neural Networks							
	Classification	<b>NS</b>							
		Text analysis							
	Causal Machine Learning								
3	Learning Object								
	Students	Students							
	understand advanced, specialized theories / methods analyse current questions and challenges.								
	collect and an	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-) spe-							
	cialists.	шо юрюз ін а	professional man	ποι απα αμμισμ	onale to the situ	ιαιοπ with (11011-) 5ρε			
	· ·		work and good so	•					
	"Module content		ievant methods a	na theories for	the points men	tioned above under			
4	Teaching and L	earning Meth	ods						
5	Module Entry R Recommendation Advanced Economic	n: CM Econon	netrics or CM App	lied Economet	rics (Business /	Administration) or CM			

6	Mode of End-Of-Module Examination Combined examination: PRES, TP Written test: WT (60)
7	Prerequisites for Awarding of Credit Points  Passing the examination. One course is to be attended; the examination relates to the content of one course.  The course Microeconometrics is completed with a written examination: written exam (60).  The courses 'Machine Learning for Economists' aswell as 'Topics in Econometrics and Statistics' are completed with a combined examination: presentation and term paper.
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 - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Information Systems  Master of Science Economics:     Specialisation Section Economics  Master of Science Economics Supplementary Section Economics  Master of Science Economic Research:     Specialisation Section Economic Research  Master of Science International Management:     Supplementary Section International Management  Master of Science Mathematik:     Economics  Master of Science Wirtschaftsmathematik:     Economics  Master of Science Business Analytics & Econometrics     Specialication Section Business Analytics & Econometrics     Supplementary Section Business Analytics & Econometrics     Supplementary Section Business Analytics & Econometrics     Supplementary Section Business Analytics & Econometrics  Master of Science Informatik:     Anwendungsfeld VWL
9	Module Manager UnivProf. Dr. Dominik Wied Prof. Dr.Tom Zimmermann
10	Miscellaneous

SpM Empi	rical Methods	and Data A	nalysis III			
Module Code 1314MSEMD3		<b>Workload</b> 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term
1	b) Stochastic Mo	Courses  I) Time Series Econometrics  I) Stochastic Models and Processes  I) Topics in Econometrics and Statistics III			Self-Stud- ies a) 135h b) 135h c) 135h	Course Language a) English b) English c) English
2	Module Content a)Time Series Econometrics:  • ARMA Models • State-Space Models • Models for Non-Stationary Time Series • Multivariate Time Series Models • Non-Stationarity in Multivariate Time Series  b) Stochastic Models and Processes: • Deepening topics in statistical inference • bootstrap • nonparametric density estimation • nonparametric tests (e.g. for independence) • Brownian motions • Poisson processes • Markov processes					
3	Learning Objectives Students understand advanced, specialized theories / methods analyse current questions and challenges collect and analyse data material for selected scientific questions using quantitative / qualitative methods know and understand the relevant methods and theories for the points mentioned above under "Module content".					
4	Teaching and Learning Methods lecture practice					
5	Module Entry R Recommendation	-	knowledge of pro	bability theory		
6	Mode of End-O Written test: WT		mination			
7	Prerequisites for Passing the write relates to the co	ten examinatio	n of one course.	A course is to b	e attended; the	e written examination
8	Supple	ce Business Ac mentary Sectio	the Module Iministration - Su In Supply Chain M Iministration - Acc	/lanagement	_	

	Supplementary Section Accounting and Taxation
	Master of Science Business Administration - Finance:
	Supplementary Section Finance
	Master of Science Business Administration - Marketing:
	Supplementary Section Marketing
	Master of Science Information Systems:
	Supplementary Section Information Systems
	Master of Science Business Administration - Corporate Development:
	Supplementary Section Corporate Development
	Master of Science Economics:
	Specialisation Section Economics
	Supplementary Section Economics
	Master of Science Economic Research:
	Specialisation Section Economic Research
	Supplementary Section Economic Research
	Master of Science International Management:
	Supplementary Section International Management
	Master of Science Business Administration - Marketing:
	Core Section Marketing
	Master of Science Mathematik:
	Economics
	Master of Science Wirtschaftsmathematik:
	Economics
	Master of Science Business Analytics & Econometrics:
	Supplementary Section Business Analytics & Econometrics
	Master of Science Informatik:
	Anwendungsfeld VWL
	Master of Science Business Analytics & Econometrics:
	Specialication Section Business Analytics & Econometrics
9	Module Manager
	UnivProf. Dr. Dominik Wied
4.5	
10	Miscellaneous The source lib Stockhootic Models and Bracescool will not be offered in the currency connector of
	The course "b) Stochastic Models and Processes" will not be offered in the summer semester of
	2025.
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	pirical Methods		l lary 313 1V	1			
<b>Module Co</b> 1314MSEN		<b>Workload</b> 180h	ECTS Credits 6	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 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 know and understand the relevant methods and theories for the points mentioned above under "Module content".						
4	Teaching and L lecture practice						
5	Recommendation	Module Entry Requirements Recommendation: Solid knowledge of statistical and econometric methods; CM Econometrics or Cl Applied Econometrics (Business Administration) or CM Advanced Econometrics					
6	Mode of End-O Written test: WT		mination				
7	-	ten examinatio	n of one course.	A course is to b	pe attended; the	written examination	
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems						

10	Miscellaneous
9	Module Manager UnivProf. Dr. Roman Liesenfeld
	Master of Science Informatik:  Anwendungsfeld VWL
	Supplementary Section Business Analytics & Econometrics
	Specialication Section Business Analytics & Econometrics
	Master of Science Business Analytics & Econometrics:
	Economics
	Economics  Master of Science Wirtschaftsmathematik:
	Master of Science Mathematik:
	Supplementary Section International Management
	Master of Science International Management:
	Supplementary Section Economic Research
	Master of Science Economic Research:
	Core Section Finance
	Master of Science Business Administration - Finance:
	Core Section Accounting and Taxation
	Master of Science Business Administration - Accounting and Taxation:
	Supplementary Section Economics
	Specialisation Section Economics
	Master of Science Economics:
	Supplementary Section Corporate Development

SpM Empi	rical Methods	and Data A	Analysis V			
Module Code 1314MSEMD5		<b>Workload</b> 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - sum- mer term	Duration 1 Term
1	b) Panel Data A c) Bayesian Eco	variate Statistics el Data Analysis sian Econometrics			Self-Studies a) 135h b) 135h c) 135h d) 135h	Course Language a) English b) English c) English d) English
2	Module Content a) Multivariate Statistics: Analysis of Variance Eigenvalues Principal Component Analysis Factor Analysis Discriminant Analysis Cluster Analysis Multivariate Testing Correlation Analysis  b) Panel Data Analysis: Static Panel Data Model Dynamic Panel Data Model Dynamic Panel Data Model Extensions Factor Analysis  c) Bayesian Econometrics: Basic Principles of Bayesian Econometrics Bayesian Estimators and Numerical Integrat Importance Sampling and Markov-Chain-Mo Gaussian Linear Regression Model with Cor Gaussian Linear Regression Model with Nor Linear Regression Model with General Error Time Series Models Models for discrete dependent variables Students will practice the use of the method data d) Topics in Econometrics and Statistics 5:			te-Carlo ugate Priors Conjugate Prio Covariance Mat using econome	rix tric software to	
3	Recent statistical and econometric methods Applications in business administration, management studies and economics and social science  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 specialist use techniques of scientific work and good scientific practice.				<b>3.</b>	

	know and understand the relevant methods and theories for the points mentioned above under "Module content".
4	Teaching and Learning Methods lecture practice
5	Module Entry Requirements Recommendation: 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 Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Specialisation Section Economics     Supplementary Section Economics  Master of Science Business Administration - Accounting and Taxation:     Core Section Accounting and Taxation  Master of Science Business Administration - Finance:     Core Section Finance  Master of Science Economic Research:     Supplementary Section Economic Research  Master of Science Economic Research:     Supplementary Section International Management  Master of Science Mathematik:     Economics  Master of Science Wirtschaftsmathematik:     Economics  Master of Science Business Analytics & Econometrics:     Supplementary Section Business Analytics & Econometrics  Master of Science Business Analytics & Econometrics:     Supplementary Section Business Analytics & Econometrics  Master of Science Business Analytics & Econometrics:     Specialication Section Business Analytics & Econometrics
9	Module Manager Dr. Bastian Gribisch
10	Miscellaneous

<b>lodule Co</b> 289MSME		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term	
1	Courses Information and	Strategy		Contact Hours 45h	Self-Stu- dies 135h	Course Language English	
2	light of asymme	roduces stude tric information		e design of info	rmation system	n strategic decisions s. Possible topics in-	
3	Students understand a assess and d discuss scien cialists present scien know and und	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-)					
4	Teaching and I lecture practice						
5	Module Entry F	•	conomics or CM N	/licroeconomic	s (Business Adr	ninistration)	
6	Mode of End-O Combined exam						
7	Prerequisites for Passing the modern	_	of Credit Points				
8	Supple Master of Scient Supple Master of Scient Supple	ce Business A mentary Secti ce Business A mentary Secti ce Business A mentary Secti	dministration - Su on Supply Chain I dministration - Ac on Accounting and dministration - Fir	Management counting and T d Taxation ance:	_		

10	Miscellaneous
9	Module Manager UnivProf. Dr. Christoph Schottmüller
0	Master of Science International Management:     Supplementary Section International Management  Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:     Ergänzungsbereich Volkswirtschaftslehre  Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:     Ergänzungsbereich Economics  Master of Arts Regionalstudien China - Volkswirtschaftslehre:     Ergänzungsbereich Volkswirtschaftslehre  Master of Science Mathematik:     Economics  Master of Science Wirtschaftsmathematik:     Economics  Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Science Informatik:     Anwendungsfeld VWL  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research

SpM Market Design and Behaviour II									
<b>Module Code</b> 1289MSMDB2		<b>Workload</b> 180h	ECTS Credits	Module Language English	Module Availability irregular	Duration 1 Term			
1	Courses Economic Engin	eering		Contact Hours 45h	Self-Stu- dies 135h	Course Language English			
2	Module Content  • Evaluation of the roles of theory and laboratory/field experiments in the development of markets and incentive systems  • Analysis of relevant behavioural phenomena and institutional details of particular importance for specific designs  • Discussion of practical applications of economic engineering in matching markets, auctions and other markets								
3	Students analyse currer write an acade discuss proble critically evalue	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 know and understand the relevant methods and theories for the points mentioned above under							
4	Teaching and Learning Methods lecture practice								
5	-	Module Entry Requirements Recommendation: basic knowledge of game theory and experimental economics							
6	Mode of End-On 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 Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Specialisation Section Economics     Supplementary Section Economics  Master of Science International Management:								

10	Miscellaneous
9	Module Manager UnivProf. Dr. Axel Ockenfels
	Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:     Ergänzungsbereich Volkswirtschaftslehre Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:     Ergänzungsbereich Economics Master of Arts Regionalstudien China - Volkswirtschaftslehre:     Ergänzungsbereich Volkswirtschaftslehre Master of Science Mathematik:     Economics Master of Science Wirtschaftsmathematik:     Economics Master of Arts Politikwissenschaft:     Supplementary Section Political Science Master of Science Informatik:     Anwendungsfeld VWL Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social Research:     Supplementary Section Sociology and Social Research

SpM Market Design and Behaviour V									
<b>Module Code</b> 1289MSMDB5		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - sum- mer term	Duration 1 Term			
1	Courses Corporate Taxat	tion		Contact Hours 45h	Self-Stu- dies 135h	Course Language English			
2	<ul> <li>Tax competition</li> <li>Digitisation and</li> <li>Reform option</li> <li>Cash flow base</li> <li>Carbon pricing</li> </ul>	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	Students understand th can analyse r develop a cor trade policy and learn to comn learn to comn engage in a d analyse public assess currer use the techn	Learning Objectives Students understand the implications of the digital transformation of the economy for tax policy can analyse reform options for corporate taxation develop a conceptual framework to think through the interdependencies of corporate taxation, trade policy and environmental policy learn to communicate about policy relevant research to an academic audience learn to communicate about policy relevant research to non-academic audience engage in a discourse about reform options for policy design analyse public policy taking account of ethical, ecological and social concerns assess current tax policy debates and proposed solutions use the techniques of empirical and theoretical research in applied public finance know and understand the relevant methods and theories for the points mentioned above under							
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	Passing the mod	Prerequisites for Awarding of Credit Points  Passing the module 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 Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing								

	Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:  Supplementary Section Corporate Development  Master of Science Economics:
	Supplementary Section Corporate Development
	Master of Science Economics:
	Master of Colembe Economics.
	Specialisation Section Economics
	Supplementary Section Economics
	Master of Science Economic Research:
	Supplementary Section Economic Research
	Master of Science International Management:
	Supplementary Section International Management
	Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:
	Ergänzungsbereich Volkswirtschaftslehre
	Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:
	Ergänzungsbereich Economics
	Master of Arts Regionalstudien China - Volkswirtschaftslehre:
	Ergänzungsbereich Volkswirtschaftslehre
	Master of Science Mathematik:
	Economics
	Master of Science Wirtschaftsmathematik:
	Economics
	Master of Science Informatik:
	Anwendungsfeld VWL
	Master of Science Geographie:
	Wahlpflichtfach Management & Social Sciences
9	Module Manager
	UnivProf. Dr. Felix Bierbrauer
10	Miscellaneous

						1			
Module Co 1302MSME		Workload ECTS Credits 180h 6		<b>Module Language</b> 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	<ul> <li>Neoclassical (</li> <li>The Rate and</li> <li>Automation, W</li> <li>Men, Robots,</li> <li>Sectorial Char</li> <li>Technical Char</li> </ul>	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 assess and di know and und	Learning Objectives Students understand advanced, specialized theories / methods analyse current questions and challenges assess and discuss findings and research results of specialized theories / methods know and understand the relevant methods and theories for the points mentioned above under "Module content".							
4	Teaching and L lecture practice	earning Meth	ods						
5	Module Entry R	•	economics or CM	Advanced Mac	roeconomics I				
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 - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Specialisation Section Economics Supplementary Section Economics								

SpM Mar	SpM Markets and Economic Policy II								
<b>Module Code</b> 1302MSMEP2		Workload 180h  ECTS Credits 6  Module Language English		Module Availability irregular	<b>Duration</b> 1 Term				
1	Courses Money and Fina	ncial Markets		Contact Hours 45h	Self-Stu- dies 135h	Course Language English			
2	Empirical Evid     Transaction fri     Financial inter     Monetary polic     Financial conti	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	Students understand ac financial markets analyse curre kets assess and di justify and def critically evalu	understand advanced, specialized theories / methods in the area of monetary theory, policy and financial markets analyse current questions and challenges in the area of monetary theory, policy and financial markets assess and discuss findings and research results of specialized theories / methods justify and defend (independently developed) positions or problem solutions critically evaluate current social developments and develop alternative solutions know and understand the relevant methods and theories for the points mentioned above under							
4	Teaching and L lecture practice								
5		Module Entry Requirements Recommendation: CM Macroeconomics or CM Advanced Macroeconomics							
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 Business Administration - Supply Chain Management:     Supplementary Section Supply Chain Management  Master of Science Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:								

10	Miscellaneous
9	Module Manager UnivProf. Dr. Andreas Schabert
	Supplementary Section Sociology and Social Research
	Master of Science Sociology: Social Research:
	Supplementary Section Sociology: Social and Economic Psychology
	Master of Science Sociology: Social and Economic Psychology:
	Wahlpflichtfach Management & Social Sciences
	Master of Science Geographie:
	Anwendungsfeld VWL
	Master of Science Informatik:
	Supplementary Section Political Science
	Master of Arts Politikwissenschaft:
	Economics
	Master of Science Wirtschaftsmathematik:
	Economics
	Master of Science Mathematik:
	Master of Arts Regionalstudien China - Volkswirtschaftslehre:  Ergänzungsbereich Volkswirtschaftslehre
	Ergänzungsbereich Economics  Master of Arta Regionaletudien China Velkewirtenhaftelehre:
	Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:
	Ergänzungsbereich Volkswirtschaftslehre
	Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:
	Supplementary Section International Management
	Master of Science International Management:
	Supplementary Section Economic Research
	Master of Science Economic Research:
	Core Section Finance
	Master of Science Business Administration - Finance:
	Supplementary Section Economics
	I

SpM Mar	kets and Econo	omic Policy	III							
<b>Module Co</b> 1302MSME		<b>Workload</b> 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term				
1	Courses Development EconomicsContact Hours 45hSelf-Stu- dies 135hCourse Lan 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 del evaluate their tentials.	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 know and understand the relevant methods and theories for the points mentioned above under								
4	Teaching and L lecture practice	earning Meth	ods							
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 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 - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Specialisation Section Economics     Supplementary Section Economics									

	Master of Science Economic Research:
	Supplementary Section Economic Research
	Master of Science International Management:
	Supplementary Section International Management
	Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:
	Ergänzungsbereich Volkswirtschaftslehre
	Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:
	Ergänzungsbereich Economics
	Master of Arts Regionalstudien China - Volkswirtschaftslehre:
	Ergänzungsbereich Volkswirtschaftslehre
	Master of Science Mathematik:
	Economics
	Master of Science Wirtschaftsmathematik:
	Economics
	Master of Arts Politikwissenschaft:
	Supplementary Section Political Science
	Master of Science Informatik:
	Anwendungsfeld VWL
	Master of Science Geographie:
	Wahlpflichtfach Management & Social Sciences
	Master of Science Sociology: Social and Economic Psychology:
	Supplementary Section Sociology: Social and Economic Psychology
	Master of Science Sociology: Social Research:
	Supplementary Section Sociology and Social Research
9	Module Manager
	UnivProf. Dr. Erik Hornung
10	Miscellaneous

SpM Markets and Economic Policy IV									
Module Co 1302MSME		<b>Workload</b> 180h	ECTS Credits 6	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term			
1	Courses Macroeconomics of the Labour Market  Macroeconomics of the Labour Market  Contact Hours 45h  Self-Stu- dies English								
2	<ul><li>Labour Marke</li><li>Theory of Sea</li><li>The Search ar</li><li>Structural Lab</li><li>Labour Marke</li></ul>	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 def discuss scient cialists critically evalu	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 know and understand the relevant methods and theories for the points mentioned above under							
4	Teaching and L lecture practice	earning Meth	ods						
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		nination						
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 - Accounting and Taxation:     Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:     Supplementary Section Finance  Master of Science Business Administration - Marketing:     Supplementary Section Marketing  Master of Science Information Systems:     Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development								

10	Miscellaneous
9	Module Manager UnivProf. Michael Krause, Ph.D.
	Supplementary Section Sociology and Social Research
	Master of Science Sociology: Social Research:
	Supplementary Section Sociology: Social and Economic Psychology
	Master of Science Sociology: Social and Economic Psychology:
	Wahlpflichtfach Management & Social Sciences
	Anwendungsfeld VWL Master of Science Geographie:
	Supplementary Section Political Science  Master of Science Informatik:
	Master of Arts Politikwissenschaft:
	Economics
	Master of Science Wirtschaftsmathematik:
	Economics
	Master of Science Mathematik:
	Ergänzungsbereich Volkswirtschaftslehre
	Master of Arts Regionalstudien China - Volkswirtschaftslehre:
	Ergänzungsbereich Economics
	Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:
	Ergänzungsbereich Volkswirtschaftslehre
	Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:
	Supplementary Section International Management
	Master of Science International Management:
	Supplementary Section Economic Research
	Master of Science Economic Research:
	Supplementary Section Economics
	Specialisation Section Economics

CM Macr	oeconomics							
Module Code 1302MBMAC1		Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Macroeconomic	s		Contact Hours 60h	Self-Stu- dies 120h	Course Language English		
2	nants of econom second part, sho real business cy able, whether th economic policy	uses on macro nic growth and ort-term fluctua cle and new K ey coincide wit can help achie	cross-country inc tions in economic eynesian models. h outcomes that a eve socially desira	y and issues. In its first part, it covers key determination of differences, using modern growth theory. In the nic activity and stabilisation policy are covered, using its. Both parts ask when market outcomes are sustain at are optimal from society's perspective, and whether irrable outcomes. The course also introduces method croeconomic models.				
3	Students understand ac analyse curre present scien act responsib critically evalu know and und	understand advanced, specialized theories analyse current questions and challenges present scientific results in a way that is app act responsibly considering ecological, soci critically evaluate current social development			methods.  propriate for the target audience. al and ethical criteria.			
4	Teaching and L lecture practice							
5	1	Module Entry Requirements Recommendation: Microeconomics, Macroeco			nelor Level Mat	thematics		
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	ce Business Admentary Section Ce Business Admentary Section Ce Business Admentary Section Ce Business Admentary Section Ce Information Ce Business Admentary Section Ce Business Admentary	dministration - Sup on Supply Chain Maninistration - Acc on Accounting and dministration - Fin on Finance dministration - Maninistration - Maninistration Systems: on Information Systeministration - Co on Corporate Deve	Management counting and Ta Taxation ance: rketing: stems	axation:			

10	Miscellaneous
9	Module Manager UnivProf. Michael Krause, Ph.D.
	Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research Master of Science Business Analytics & Econometrics: Supplementary Section Business Analytics & Econometrics
	Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology
	Master of Science Geographie: Wahlpflichtfach Management & Social Sciences
	Anwendungsfeld VWL
	Supplementary Section Political Science  Master of Science Informatik:
	Master of Arts Politikwissenschaft:
	Economics
	Economics  Master of Science Wirtschaftsmathematik:
	Master of Science Mathematik:
	Ergänzungsbereich Volkswirtschaftslehre
	Ergänzungsbereich Economics  Master of Arts Regionalstudien China - Volkswirtschaftslehre:
	Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:
	Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre
	Supplementary Section International Management
	Master of Science International Management:

Module Co	ode	Workload	ECTS Credits	Module	Module	Duration		
1289MBEXE1		180h 6	6	<b>Language</b> English	Availability every 2nd term - sum- mer term	1 Term		
1	Courses Experimental Me	ethods		Contact Hours 60h	Self-Stu- dies 120h	Course Language English		
2	<ul><li>Experimental</li><li>Experimental</li></ul>	Module Content  • Experimental Methods in economics  • Experimental designs  • Analysing experimental data						
3	Students understand ac analyse curre assess and d analyse data present scien critically evalu use technique know and und	Learning Objectives Students understand advanced, specialized theories / methods in the area of experimental Economics analyse current questions and challenges in the area of Microeconomics assess and discuss findings and research results of specialized methods analyse data for selected scientific questions using quantitative methods present scientific results in a way that is appropriate for the target audience critically evaluate current social developments and develop alternative solutions use techniques of scientific work and good scientific practice know and understand the relevant methods and theories for the points mentioned above under "Module content".						
4	Teaching and L lecture practice	∟earning Meth	nods					
5	Module Entry R Recommendation		evel Microeconom	nics, Macroeco	nomics, Mather	natics		
6	Mode of End-O Written test: WT		ımination					
7	Prerequisites for Passing the modern	_	of Credit Points					
8	Supple Master of Science Supple Master of Science Supple Master of Science	ce Business A mentary Secti ce Business A mentary Secti ce Business A mentary Secti ce Business A mentary Secti	dministration - Su on Supply Chain I dministration - Ac on Accounting and dministration - Fir on Finance dministration - Ma on Marketing Systems:	Management counting and T d Taxation nance:				

	Core Section Marketing Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research Master of Science Business Administration - Corporate Development: Core Section Corporate Development
9	Module Manager Prof. Christopher Roth
10	Miscellaneous

				I	I			
<b>Module Code</b> 1289MSMEC1		<b>Workload</b> 180h	6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Media Economio	cs		Contact Hours 60h	Self-Stu- dies 120h	Course Language English		
2	Module Conten  Characteristics Cost and reve Digital transfor Political econd	s of media mai nue structures rmation of med	on media market lia markets	s				
3	Students analyse curre assess and di critically evalu know and und	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 know and understand the relevant methods and theories for the points mentioned above und "Module content".						
4	Teaching and L lecture practice							
5	Module Entry R	Module Entry Requirements None						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod							
8	Supple Master of Science Supple Master of Arts P	ce Business Admentary Section Business Admentary Business Admentar	dministration - Su on Supply Chain M dministration - Ac- on Accounting and dministration - Fin on Finance dministration - Ma on Marketing Systems: on Information Systems: on Corporate Dev on Corporate Dev on Management: on International M naft: on Political Science	Management counting and T d Taxation ance:  Inketing:  Istems Irporate Development  Inanagement  Inanagement	exation:			

	Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungbereich Wirtschaftspädagogik
9	Module Manager UnivProf. Dr. Johannes Münster
10	Miscellaneous

Module Code 1289MBAEC1			ECTS Credits	Module Language	Module Availability	Duration 1 Term	
				English	every 2nd term - winter term		
1	Courses Applied Econom ministration)	etrics (Master	Business Ad-	Contact Hours 60h	Self-Stu- dies 120h	Course Language English	
2	Module Content  • Statistical Foundations and Testing  • Experiments and RCTs  • Regression (OLS, dummy variables, omitted variable bias, nonlinear models, binary dependen variables)  • Instrumental Variables  • Regression Discontinuity  • Panel data (Fixed effects, differences-in-differences)						
3	Learning Objectives Students understand advanced, specialized theories / methods in the area of labour markets 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 discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists develop work processes for real problems and challenges use techniques of scientific work and good scientific practice know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L lecture practice						
5	Module Entry R Recommendation	-	of basic economo	etrics and statis	stics, basic know	vledge of R	
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 Master of Science Supple Master of Science Supple	ce Business Admentary Section Business Admentary Business Administration	dministration - Su on Supply Chain M dministration - Ac on Accounting and dministration - Fir on Finance dministration - Ma on Marketing	Accounting and Taxation: and Taxation Finance:			

	Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Business Administration - Accounting and Taxation:     Core Section Accounting and Taxation  Master of Science Business Administration - Finance:     Core Section Finance  Master of Science International Management:     Supplementary Section International Management  Master of Science Business Administration - Marketing:     Core Section Marketing  Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research  Master of Science Business Administration - Corporate Development:     Core Section Corporate Development
9	Module Manager UnivProf. Dr. Pia Pinger
10	Miscellaneous

Module Code 1289MBMBA1		Workload 180h ECTS Cre 6		<b>Module Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term	
1	Courses Microeconomics	: Game Theor	/	Contact Hours 60h	Self-Stu- dies 120h	Course Language English	
2	Module Content  Non-cooperative Game Theory  Normal form games  Extensive form games, with complete and incomplete information  Finitely and infinitely repeated games  Cooperative Game Theory  Core, Shapley-value, bargaining problem  Evolutionary game theory  Social choice theory, voting  Condorcet-paradox, Arrow-theorem						
3	Learning Objectives Students understand advanced, specialized theories / methods in the area of Game Theory assess and discuss findings and research results of specialized methods analyse data for selected scientific questions using quantitative methods communicate continuously and purposefully in diverse teams critically evaluate current social developments and develop alternative solutions use techniques of scientific work and good scientific practice know and understand the relevant methods and theories for the points mentioned above under "Module content".						
4	Teaching and L lecture practice						
5	Module Entry R Recommendation	-	vel Microeconom	iics, Macroecoi	nomics, Mathen	natics	
6	Mode of End-O Written test: WT		mination				
7	<u> </u>	Prerequisites for Awarding of Credit Points Passing the module examination					
8	Supple Master of Science Supple Master of Science Supple Master of Science Supple Master of Science	ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Information	Iministration - Sum Supply Chain Manistration - Action Accounting and Iministration - Firms Finance Iministration - Maninistration - Maninistration - Maninistration	Management counting and T d Taxation ance:	_		

10	Miscellaneous
9	Module Manager UnivProf. Dr. Bettina Rockenbach
	Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Business Administration - Accounting and Taxation:     Core Section Accounting and Taxation  Master of Science International Management:     Supplementary Section International Management  Master of Science Business Administration - Marketing:     Core Section Marketing  Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Science Geographie:     Wahlpflichtfach Management & Social Sciences  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research  Master of Science Business Administration - Corporate Development:     Core Section Corporate Development

CIVI IVIALII	ematics	Ī			1			
Module Code 1314MBMAT1		<b>Workload</b> 180h	ECTS Credits 6	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses Mathematics for	Economists		Contact Hours 60h	Self-Stu- dies 120h	Course Language English		
2	<ul><li>Systems of lin vectors</li><li>Optimisation of Difference and</li></ul>	Module Content  • Systems of linear equations, fundamentals of linear algebra, determinants, eigenvalues and evectors  • Optimisation of functions of several variables  • Difference and differential equations  • Systems of difference and differential equations						
3	Students understand ac analyse curre communicate evaluate their tentials.	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 know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L lecture practice							
5	Module Entry R	-	of mathematics f	or economists	on bachelor lev	əl		
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod	_						
8	Supple Master of Science	ce Business Admentary Section Ce Economics:	dministration - Supply Chain Individual Supply Chain Individual Supply Chain Individual Supply Chain Information - Country Conference Supply Chain S	Management counting and T d Taxation lance:  lirketing:  stems rporate Develo	axation:			

	Supplementary Section International Management  Master of Arts Politikwissenschaft: Supplementary Section Political Science  Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research  Master of Science Business Analytics & Econometrics: Supplementary Section Business Analytics & Econometrics
9	Module Manager Prof. Dr. Rainer Dyckerhoff
10	Miscellaneous

		Π	T	Τ	Т			
Module Code 1314MBSTC1		<b>Workload</b> 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Statistics for Da	ta Analytics		Contact Hours 45h	Self-Stu- dies 135h	Course Language English		
2	<ul><li>Probability the</li><li>Linear (multiple</li><li>Assumptions,</li></ul>	Module Content  • Probability theory: Probability distributions, (conditional) density functions  • Linear (multiple) regression, conditional expectation function  • Assumptions, model selection, hypotheses test  • Maximum Likelihood  • Time Series						
3	Students understand ac analyse curre assess and di act responsib develop work	understand advanced, specialized theories / methods in the field of statistics analyse current questions and challenges in the field of statistics assess and discuss findings and research results of specialized theories / methods act responsibly considering ecological, social and ethical criteria develop work processes for real problems and challenges know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L lecture practice	earning Meth	nods					
5	Module Entry R	Requirements						
6	Mode of End-O Written test: WT		mination					
7	Prerequisites for Passing the mod	_	of Credit Points					
8	Supple Master of Science	ce Business A mentary Section ce Business A mentary Section ce Business A mentary Section ce Information mentary Section ce Business A mentary Section	dministration - Su on Supply Chain N dministration - Ac on Accounting and dministration - Fir on Finance dministration - Ma on Marketing Systems: on Information Syd dministration - Co on Corporate Dev	Management counting and T d Taxation ance: rketing:	axation:			

	Supplementary Section Economic Research  Master of Science International Management:     Supplementary Section International Management  Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Science Business Analytics & Econometrics:     Core Section Business Analytics & Econometrics  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research
9	Module Manager JunProf. Dr. Sven Otto
10	Miscellaneous Literature: Wooldridge, "Introductory Econometrics" (chapter 1-9)

J <b>J</b> ulu	Analytics II							
<b>Module Code</b> 1277MBPDA1		<b>Workload</b> 180h	ECTS Credits 6	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term		
1	Courses Programming fo	r Data Analytic	s	Contact Hours 30h	Self-Stu- dies 150h	Course Language English		
2	<ul><li>Introduction to</li><li>Use of R for d</li></ul>	Module Content Introduction to the statistical software R, including statistical modelling in R Use of R for data analysis and presentation Introduction to programming in R and the design of user-defined statistical diagrams						
3	Students understand arics analyse curre assess and d act responsib develop work	<ul> <li> understand advanced, specialized theories / methods in the field of programming and data analics.</li> <li> analyse current questions and challenges in the field of programming and data analytics.</li> <li> assess and discuss findings and research results of specialized theories / methods.</li> <li> act responsibly considering ecological, social and ethical criteria.</li> <li> develop work processes for real problems and challenges.</li> <li> know and understand the relevant methods and theories for the points mentioned above under</li> </ul>						
4	Teaching and I	_earning Meth	ods					
5	Module Entry F	Requirements						
6	Mode of End-O Written test: PO		nination					
7	Prerequisites for Passing the modern	_						
8	Supple Master of Scient Supple Master of Scient	ce Business Ac mentary Sectic ce Business Ac mentary Sectic ce Business Ac mentary Sectic	Iministration - Su on Supply Chain Mainistration - Ac on Accounting and Iministration - Fir on Finance	Management counting and T d Taxation				

	Supplementary Section International Management  Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Science Business Analytics & Econometrics:     Core Section Business Analytics & Econometrics  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research
9	Module Manager UnivProf. Dr. Markus Weinmann
10	Miscellaneous Literature: Wickham, "R for Data Science"

CM Data	Analytics III							
Module Code 1277MBMLA1		<b>Workload</b> 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Machine Learning and Artificial Intelligence Machine Learning and Artificial Intelligence  Contact Hours 60h Self-Stu- dies English							
2	<ul> <li>Basics of the r</li> <li>Basics of both ing, support vec principal comportion</li> <li>Translation of</li> </ul>	Module Content  Basics of the methods of Machine Learning and Artificial Intelligence (AI)  Basics of both supervised and unsupervised methods (e.g. decision trees, random forests, booing, support vector machines, neural networks, deep and opponent learning, ensemble learning, principal component analysis, factor analysis and diverse learning or multidimensional scaling)  Translation of business problems into machine learning use cases; feasibility and impact  Responsible implementation of machine learning projects in compliance with ethical standards						
3	Students understand ac analyse curre assess and di act responsib develop work	understand advanced, specialized theories / methods in the field of machine learning and AI analyse current questions and challenges in the field of machine learning and AI assess and discuss findings and research results of specialized theories / methods act responsibly considering ecological, social and ethical criteria develop work processes for real problems and challenges know and understand the relevant methods and theories for the points mentioned above under						
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	Requirements						
6	Mode of End-O Written test: PO		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 Science Supple Master of Science	ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Information mentary Section ce Business Admentary Section ce Business Admentary Section ce Economics:	dministration - Supon Supply Chain Maninistration - Accounting and dministration - Find Finance dministration - Madon Marketing	Management counting and Taxation ance: rketing: stems rporate Developelopment	axation:			

	Master of Science Economic Research:     Supplementary Section Economic Research  Master of Science International Management:     Supplementary Section International Management  Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Science Business Analytics & Econometrics:     Core Section Business Analytics & Econometrics  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research
9	Module Manager UnivProf. Dr. Markus Weinmann
10	Miscellaneous Literature: James, Witten, Hastie, Tibshirani, "Intorduction to statistical learning"

Madula Ca	\da	Mortdood	ECTS Credits	Madula	Madula	Duration		
<b>Module Code</b> 1314MBAST1		<b>Workload</b> 180h	6	<b>Module Language</b> English	Module Availability every 2nd term - winter term	Duration 1 Term		
1	Courses Advanced Statis	tics for Data A	nalysis	Contact Hours 45h	Self-Stu- dies 135h	Course Language English		
2	<ul> <li>Potential Outo</li> <li>Randomized E</li> <li>Matching Estir</li> <li>Regression Di</li> <li>Instrumental V</li> </ul>	Module Content  Potential Outcomes and Treatment Effects Randomized Experiments Matching Estimators Regression Discontinuity Instrumental Variables Difference-in-Differences Estimation						
3	analyse curre assess and di act responsib develop work	dvanced, speci nt questions and scuss findings by considering processes for derstand the re	ialized theories / r nd challenges in t and research res ecological, social real problems and levant methods a	he field of adva sults of speciali and ethical crit d challenges.	anced statistics. zed theories / m teria.			
4	Teaching and L lecture practice	earning Meth	ods					
5	Module Entry R	equirements						
6	Mode of End-O Written test: PO		mination					
7	Prerequisites for Passing the mod	_						
8	Supple Master of Science	ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Business Admentary Section ce Information mentary Section ce Business Admentary Section ce Bu	dministration - Su on Supply Chain M dministration - Ac on Accounting and dministration - Fin on Finance dministration - Ma on Marketing	Management counting and T d Taxation ance:  rketing:  stems rporate Develo	axation:			

	Master of Science Economic Research:     Supplementary Section Economic Research  Master of Science International Management:     Supplementary Section International Management  Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Science Business Analytics & Econometrics:     Core Section Business Analytics & Econometrics  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research
9	Module Manager Prof. Dr. Tom Zimmermann
10	Miscellaneous Literature: Angrist and Pischke, "Mostly Harmless Econometrics"

CM Data A	Analytics V						
Module Code 1277MBDMA1		Workload 180h  ECTS Credits 6  Module Language English			Module Availability every 2nd term - winter term	Duration 1 Term	
1	Courses Data Manageme	ent and Data Vi	sualization	Contact Hours 45h	Self-Stu- dies 135h	Course Language English	
2	<ul> <li>Module Content</li> <li>Fundamentals of data storage, data cleansing and retrieval; data use and data quality for data analysis</li> <li>Fundamentals of metadata; methods of data integration; data models and software architectures for the integration of different data types</li> <li>Data management methods and practices (e.g. relational databases, SQL, NoSQL databases, data manipulation, access to data sources, Web APIs, scraping/crawling and parsing of text data)</li> <li>Basics of data visualization (e.g. cognition, design principles for diagrams and graphics, visualization of different data types)</li> <li>Methods and techniques of data visualization (e.g. tableau, R, dashboards, digital presentations)</li> </ul>						
3	Learning Objectives Students understand advanced, specialized theories / methods in the field of programming and data analytics analyse current questions and challenges in the field of programming and data analytics assess and discuss findings and research results of specialized theories / methods act responsibly considering ecological, social and ethical criteria develop work processes for real problems and challenges know and understand the relevant methods and theories for the points mentioned above under "Module content".						
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R None	Requirements					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the mod	_					
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 Business Administration - Accounting and Taxation:  Supplementary Section Accounting and Taxation  Master of Science Business Administration - Finance:  Supplementary Section Finance  Master of Science Business Administration - Marketing:  Supplementary Section Marketing  Master of Science Information Systems:  Supplementary Section Information Systems						

	Master of Science Business Administration - Corporate Development:     Supplementary Section Corporate Development  Master of Science Economics:     Supplementary Section Management & Social Sciences  Master of Science Economic Research:     Supplementary Section Economic Research  Master of Science International Management:     Supplementary Section International Management  Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Science Business Analytics & Econometrics:     Core Section Business Analytics & Econometrics  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research
9	Module Manager UnivProf. Dr. Markus Weinmann
10	Miscellaneous

SpM Selected Issues in Supply Chain Management I							
Module Code 1271MSSCM1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	<b>Duration</b> 1 Term	
1	Courses Supply Chain In	novation		Contact Hours 45h	Self-Stu- dies 135h	Course Language English	
2	vation Processe	tegy in Supply s: Idea Genera cations of Supp	tion, Idea Selection Oly Chain Innovat	on, Idea Implen	nentation Colla	ns Supply Chain Inno- borative Supply Chain gical Changes and	
3	Learning Objectives Students understand advanced, specialized theories / methods in supply chain innovation management. analyse current questions and challenges in supply chain innovation management. assess and discuss findings and research results of specialized theories / methods in supply chain innovation management. communicate continuously and purposefully in diverse teams on supply chain innovation management topics. justify and defend (independently developed) positions or solutions to supply chain innovation management problems. act responsibly considering ecological, social and ethical criteria. critically evaluate current social developments and develop alternative solutions.						
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R	equirements					
6	Mode of End-O Written test: PO		mination				
7	Prerequisites for Passing the mod						
8	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:  Specialisation Section Supply Chain Management  Master of Science International Management:  Supplementary Section International Management						
9	Module Manage UnivProf. Dr. F						
10	Miscellaneous						

Spivi Seie	ected Issues in	Supply Cna	ain wanagem	ent II			
Module Code 1271MSSCM2		<b>Workload</b> 180h	ECTS Credits 6	Module Language German and English	Module Availability irregular	Duration 1 Term	
1	Courses a) Strategic Sourcing b) Supply Chain Games			Contact Hours a) 45h b) 45h	Self-Stud- ies a) 135h b) 135h	Course Language a) English b) English	
2	Selected Issues Strategic Sourci Strategic Procur Supply Chain Ga	Module Content Selected Issues in Supply Chain Management: Strategic Sourcing Strategic Procurement Management  Supply Chain Games: Data Modeling, Databases and Simulation Tools					
3	Students know and und "Module content understand ad justify and def problems (strate discuss scient	Learning Objectives Students know and understand the relevant methods and theories for the points mentioned above under "Module content" understand advanced, specialized theories / methods in Supply Chain Management justify and defend (independently developed) positions or solutions to supply chain management problems (strategic procurement management or data modeling, databases and simulation tools) discuss scientific topics of supply chain management (strategic procurement management or data modeling, databases and simulation tools) professionally and appropriately with (non-) specialists.					
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R Recommendation	-	pply Chain Analyt	ics I and II shou	uld have been	completed.	
6	Mode of End-O Written test: PO		mination				
7	Passing the writt	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	Master of Science Special Master of Science	Other Programmes that Use the Module  Master of Science Business Administration - Supply Chain Management:  Specialisation Section Supply Chain Management  Master of Science International Management:  Supplementary Section International Management					
9	Module Manage Area Supply Ch		ent				
10	Miscellaneous						

SpM Sele	ected Issues in	Supply Cha	ain Managem	ent III			
Module Code 1271MSSCM3		180h 6 <b>Langu</b>		Language English e	Module Availability every 2nd term - sum- mer term	<b>Duration</b> 1 Term	
1	Courses Behavioral Supp	oly Chain Mana	gement	Contact Hours 45h	Self-Stu- dies 135h	Course Language English	
2	Behavioral Dec Behavioral Man	Module Content Behavioral Decision Making Behavioral Management Decision Heuristics					
3	Students understand ac assess and di Operations Man collect and ar methods in Beha prepare indep communicate ment justify and dei tions Management	understand advanced, specialized theories / methods in Behavioral Operations Management assess and discuss findings and research results of specialized theories / methods in Behavioral Operations Management collect and analyse data material for selected scientific questions using quantitative / qualitative methods in Behavioral Operations Management prepare independently a research design for a question in Behavioral Operations Management communicate continuously and purposefully in diverse teams in Behavioral Operations Management justify and defend (independently developed) positions or problem solutions in Behavioral Operations Management present scientific results in a way that is appropriate for the target audience in Behavioral Opera-					
4	Teaching and L lecture practice	earning Meth.	ods				
5	Module Entry R	Requirements					
6	Mode of End-O Written test: PO		mination				
7							
8	Prerequisites for Awarding of Credit Points Passing the module examination  Other Programmes that Use the Module Master of Science Business Administration - Supply Chain Management: Specialisation Section Supply Chain Management Master of Science International Management: Supplementary Section International Management Master of Science Economics: Supplementary Section Management & Social Sciences Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Business Administration - Finance: Supplementary Section Finance						

	Master of Science Business Administration - Marketing:
9	Module Manager Prof. Dr. Nicolas Fugger
10	Miscellaneous

Module Code 1289MSECC1		Workload 180h	ECTS Credits	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term	
1		Courses a) Topics in Energy and Climate Change I b) Energy Markets and Regulation			Self-Studies a) 135h b) 135h	Course Language a) English b) English	
2	• Economic mod	Module Content • Economic models of energy markets and infrastructure • Short- and long-term equilibria • Models and regulation • Institutions and policies • New technologies					
3	Students understand ac scientific topics responsibly cons	Learning Objectives Students understand advanced, specialized theories / methods in the area of energy economics. discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. act responsibly considering ecological, social and ethical criteria. critically evaluate current political, ins tutional, technological, and social developments.					
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 modern	_	of Credit Points on in one of the c	ourses offered.			
8	Supple Master of Science	ce Economics: lisation Section mentary Section ce Economic Formentary Section ce Business Admentary Section	n Economics on Economics Research: on Economic Resedministration - Su on Supply Chain Maninistration - Accounting and dministration - Fin on Finance dministration - Maninistration - Maninistration on Marketing	pply Chain Ma Management counting and T d Taxation ance:	· ·		

	Supplementary Section Political Science  Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research
9	Module Manager UnivProf. Dr. Marc Oliver Bettzüge
10	Miscellaneous

SpM Ener	gy and Climat	e Change II					
Module Code 1289MSECC2		<b>Workload</b> 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - sum- mer term	Duration 1 Term	
1		Courses a) Topics in Energy and Climate Change II b) Growth, Energy, Climate Change			Self-Studies a) 135h b) 120h	Course Language a) English b) English	
2	Module Content  This module sheds light on the interrelation between energy use, economic growth, ar mental impacts like climate change. It starts with an introduction on natural science fou pecially the laws of thermodynamics and their relevance for economics. On this basis, covers resource economics, capital theory, the role of energy in production and econor and selected issues in climate policy.						
3	Learning Objectives Students understand advanced, specialized theories / methods in the area of energy economics. analyse current questions and challenges in the area of energy economics. communicate continuously and purposefully in diverse teams. act responsibly considering ecological, social and ethical criteria.					ate continuously and	
4	Teaching and L lecture practice						
5	Module Entry R	equirements					
6	Mode of End-O Written test: WT		mination				
7	Prerequisites for Passing the mod	_	f Credit Points on in one of the co	ourses offered.			
8	Supple Master of Science	ce Economics: isation Section mentary Section ce Economic R mentary Section ce Business Ac mentary Section ce Information mentary Section ce Business Ac mentary Section ce Business Ac mentary Section ce Business Ac mentary Section	Economics on Economics esearch: on Economic Rese eliministration - Supply Chain M eliministration - Accounting and eliministration - Fin on Finance eliministration - Ma on Marketing	oply Chain Mar Management counting and Ta I Taxation ance: rketing: stems porate Develop	axation:		

	Supplementary Section International Management Master of Arts Politikwissenschaft: Supplementary Section Political Science Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research International Master of Environmental Sciences: Environmental Economics
9	Module Manager PD Dr. Dietmar Lindenberger
10	Miscellaneous

Module Code 1289MSECC3		Workload 180h	ECTS Credits	Module Language English	Module Availability irregular	<b>Duration</b> 1 Term		
1	Courses Quantitative Met	hods in Energy	/ Economics	Contact Hours 30h	Self-Stu- dies 150h	Course Language English		
2	Numerical app	Module Content  Numerical approaches to energy market modelling Optimisation problems in energy economic Empirical methods in energy economics						
3	Students learn how to a analyse data ma an academic par scientific results	Learning Objectives Students learn how to apply quantitative methods for analysing problems in energy economics. collect and analyse data material for selected scientific questions using quantitative / qualitative methods. write an academic paper on a selected topic and achieve thereby their own scientific contribution. present scientific results in a way that is appropriate for the target audience. use techniques of scientific work and good scientific practice.						
4	Teaching and L	earning Meth	ods					
5	Module Entry R Recommendatio	-	and Climate Ch	ange I				
6	Mode of End-Of							
7	Prerequisites for Passing the mod	_						
8	Suppler Master of Science Suppler Master of Arts Po	ce Economics: isation Section mentary Section ce Economic Reportary Section ce Business Action mentary Section ce Business Action mentary Section ce Business Action ce Business Action mentary Section ce Information ce Business Action mentary Section ce Business Action mentary Section ce Business Action mentary Section ce International mentary Section colitikwissenschamentary Section mentary Sect	Economics n Economics esearch: n Economic Rese Iministration - Sup n Supply Chain M Iministration - Aco n Accounting and Iministration - Fin n Finance Iministration - Ma n Marketing Systems: n Information Systems: n Information - Co n Corporate Devo Management: n International M aft: n Political Science	oply Chain Mar Management counting and Ta d Taxation ance: rketing: stems rporate Developelopment anagement	axation: pment:			

	Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research
9	Module Manager UnivProf. Dr. Marc Oliver Bettzüge
10	Miscellaneous

SpM Energ	gy and Climat	e Change I\	/			
Module Code 1289MSECC4		Workload 180h	ECTS Credits	<b>Module</b> <b>Language</b> English	Module Availability every 2nd term - sum- mer term	Duration 1 Term
1	Courses a) Model UNFC( Role Play b) Energy Trans ment		-	Contact Hours a) 60h b) 45h	Self-Studies a) 120h b) 135h	Course Language a) English
2	Module Content  a) Economics of Climate Change, Resource Economics, Economics of Energy, Environmental Economics and International Climate Agreements b) Energy in the context of development, e.g.: Climate policies, regulation and price setting in developing countries; Electrification of remote communities (e.g microgrids); Demand analysis and consumer behavior; Energy transition (ladder vs. energy stacking); Access to electricity, energy poverty and justice					
3	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	Requirements				
6	Mode of End-O Written test: PO		mination			
7	Prerequisites for Passing the modern					
8	Supple Master of Science Supple	ce Economics: lisation Section mentary Sectio ce Economic R mentary Sectio ce Business Ac mentary Sectio ce Information mentary Sectio	Economics In Economics In Economic Research: In Economic Research: In Supply Chain Maninistration - Accounting and Iministration - Fin In Finance Iministration - Main Marketing	oply Chain Mar Management counting and Ta I Taxation ance: rketing:	axation:	

	Supplementary Section Corporate Development  Master of Science International Management:     Supplementary Section International Management  Master of Arts Politikwissenschaft:     Supplementary Section Political Science  Master of Science Sociology: Social and Economic Psychology:     Supplementary Section Sociology: Social and Economic Psychology  Master of Science Sociology: Social Research:     Supplementary Section Sociology and Social Research
9	Module Manager UnivProf. Dr. Marc Oliver Bettzüge
10	Miscellaneous

SpM Ene	rgy and Climat	e Change V	1				
<b>Module Code</b> 1289MSECC5		<b>Workload</b> 180h	ECTS Credits	Duration 1 Term			
1	Courses Economics of G	lobal Climate F	Policy	Contact Hours 45h	Self-Stu- dies 135h	Course Language English	
2	Module Content The problem of Global Climate Policy Game theoretic analysis and Insights from (Behavioral) Economics to Global Climate Policy  Political approaches to Global Climate Policy (Kyoto, Paris, etc.) and their chances and shortcome						
	ings Economic consequences of regulatory instruments (e.g. Pledge and Reviwe, Cap and Trade, price vs quantity, global carbon pricing, Climate Clubs, Green Climate Fund, Carbon leakage, Green Paradox) "Empirical and experimental evidence to Global Climate Policy"						
3	Learning Objectives Students understand advanced, specialized theories/methods in behaviour and applied game theory analyse current questions and challanges of economics and of public policy in climate change assess and discuss findings and research results of specialized theories/methods communicate continously and purposefully in diverse teams discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists act responsibly considering ecological, social and ethical criteria develop work processes for real problems and challenges						
4	Teaching and L lecture practice	earning Meth	ods				
5	Module Entry R	equirements					
6	Mode of End-O Written test: PO	f-Module Exa	mination				
7	Prerequisites for Passing the mod	_					
8	Passing the module examination  Other Programmes that Use the Module  Master of Science Economics:     Specialisation Section Economics     Supplementary Section Economics  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 Business Administration - Accounting and Taxation:     Supplementary Section Accounting and Taxation						

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Module Code 1014MIMSA1		Workload	ECTS Credits	Module Language selected lan- guage	Module Availability every term	<b>Duration</b> 1 Term				
1	Courses			Contact Hours	Self-Stu- dies	Course Language				
2		Module Content Topics from the subjects: Business Administration or Economics								
3	Students The students acquire the ki to level 7 of the which extend be dation knowledg knowledge and s of studies Through comp	The students acquire the knowledge and skills from the areas named in the module content which is equivalent to level 7 of the German Qualifications Framework for Lifelong Learning (Graduate Courses) and which extend beyond the curriculum of the relevant master programme and impart additional foundation knowledge (from subjects outside the relevant programme's curriculum); deepen attained knowledge and skills which contribute towards the specialisation or content-specific individualisation of studies Through completing examinations at a university abroad, students widen their knowledge and skills within the subject areas named above that go beyond the module structure of the curriculum of their study programme. Content studied within a module abroad can only be credited once within								
4	Teaching and L	Teaching and Learning Methods								
5	Module Entry R	Module Entry Requirements none								
6		Mode of End-Of-Module Examination depending on course selection								
7	-	Prerequisites for Awarding of Credit Points depends on course selection								
8	Master of Science	Other Programmes that Use the Module  Master of Science International Management:  Supplementary Section International Management								
9	_	Module Manager Programmdirektor:in								
10	about recognitio Centre (WiSo An also be used for	If required, students can apply for credit transfer using the standardised procedure. Information about recognition of courses (deadlines and procedure) is provided by the WiSo Credit Transfer Centre (WiSo Anrechnungszentrum: https://www.anrechnungwiso.uni-koeln.de/). This module can also be used for crediting Academic Short Programmes organised by the WiSo-faculty. In this case, registration for the exams should be carried out in advance according to the regulations of the WiSo-								

<b>flodule Code</b> 014MIMSA2		Workload	ECTS Credits 6	Module Language selected lan-	Module Availability every term	<b>Duration</b> 1 Term				
				guage						
1	Courses		Self-Stu- dies	Course Language						
2		Module Content Topics from the subjects: Business Administration or Economics								
3	Students The students acquire the ki to level 7 of the which extend be dation knowledg knowledge and s of studies Through com skills within the s their study progr	The students acquire the knowledge and skills from the areas named in the module content which is equivalent to level 7 of the German Qualifications Framework for Lifelong Learning (Graduate Courses) and which extend beyond the curriculum of the relevant master programme and impart additional foundation knowledge (from subjects outside the relevant programme's curriculum); deepen attained knowledge and skills which contribute towards the specialisation or content-specific individualisation								
4	Teaching and L	Teaching and Learning Methods								
5	Module Entry R	Module Entry Requirements none								
6		Mode of End-Of-Module Examination depending on course selection								
7		Prerequisites for Awarding of Credit Points depends on course selection								
8	Master of Science	Other Programmes that Use the Module  Master of Science International Management:  Supplementary Section International Management								
9	_	Module Manager Programmdirektor:in								
10	about recognitio Centre (WiSo Ai also be used for registration for the	Miscellaneous  If required, students can apply for credit transfer using the standardised procedure. Information about recognition of courses (deadlines and procedure) is provided by the WiSo Credit Transfer Centre (WiSo Anrechnungszentrum: https://www.anrechnungwiso.uni-koeln.de/). This module can also be used for crediting Academic Short Programmes organised by the WiSo-faculty. In this case, registration for the exams should be carried out in advance according to the regulations of the WiSo faculty.								

				l <u>.</u>						
Module Code 1014MIMSA3		Workload	6	Module Language selected lan- guage	Module Availability every term	Duration 1 Term				
1	Courses			Contact Hours	Self-Stu- dies	Course Language				
2		Module Content Topics from the subjects: Business Administration or Economics								
3	Students The students acquire the ki to level 7 of the which extend be dation knowledg knowledge and s of studies Through comp	The students acquire the knowledge and skills from the areas named in the module content which is equivalent to level 7 of the German Qualifications Framework for Lifelong Learning (Graduate Courses) and which extend beyond the curriculum of the relevant master programme and impart additional foundation knowledge (from subjects outside the relevant programme's curriculum); deepen attained knowledge and skills which contribute towards the specialisation or content-specific individualisation of studies Through completing examinations at a university abroad, students widen their knowledge and skills within the subject areas named above that go beyond the module structure of the curriculum of their study programme. Content studied within a module abroad can only be credited once within								
4	Teaching and L	earning Meth	ods							
5	Module Entry R	Module Entry Requirements none								
6		Mode of End-Of-Module Examination depending on course selection								
7	-	Prerequisites for Awarding of Credit Points depends on course selection								
8	Master of Science	Other Programmes that Use the Module  Master of Science International Management:  Supplementary Section International Management								
9	_	Module Manager Programmdirektor:in								
10	Miscellaneous If required, students can apply for credit transfer using the standardised procedure. Information about recognition of courses (deadlines and procedure) is provided by the WiSo Credit Transfer Centre (WiSo Anrechnungszentrum: https://www.anrechnungwiso.uni-koeln.de/). This module can also be used for crediting Academic Short Programmes organised by the WiSo-faculty. In this case registration for the exams should be carried out in advance according to the regulations of the WiSo faculty.									

Module Co	nde	Workload	ECTS Credits	Module	Module	Duration				
1014MIMSA4		WOIKIOAU	6	Language selected lan- guage	Availability every term	1 Term				
1	Courses			Contact Hours	Self-Stu- dies	Course Language				
2		Module Content Topics from the subjects: Business Administration or Economics								
3	Students The students acquire the ki to level 7 of the which extend be dation knowledg knowledge and s of studies Through comp	The students acquire the knowledge and skills from the areas named in the module content which is equivalent to level 7 of the German Qualifications Framework for Lifelong Learning (Graduate Courses) and which extend beyond the curriculum of the relevant master programme and impart additional foundation knowledge (from subjects outside the relevant programme's curriculum); deepen attained knowledge and skills which contribute towards the specialisation or content-specific individualisation of studies Through completing examinations at a university abroad, students widen their knowledge and skills within the subject areas named above that go beyond the module structure of the curriculum of their study programme. Content studied within a module abroad can only be credited once within								
4	Teaching and L	Teaching and Learning Methods								
5	Module Entry R	Module Entry Requirements none								
6		Mode of End-Of-Module Examination depending on course selection								
7	-	Prerequisites for Awarding of Credit Points depends on course selection								
8	Master of Science	Other Programmes that Use the Module  Master of Science International Management:  Supplementary Section International Management								
9	_	Module Manager Programmdirektor:in								
10	Miscellaneous If required, students can apply for credit transfer using the standardised procedure. Information about recognition of courses (deadlines and procedure) is provided by the WiSo Credit Transfer Centre (WiSo Anrechnungszentrum: https://www.anrechnungwiso.uni-koeln.de/). This module can also be used for crediting Academic Short Programmes organised by the WiSo-faculty. In this case registration for the exams should be carried out in advance according to the regulations of the WiSo faculty.									

# 3.6.4 Master Thesis in International Management

Master Thesis in International Management								
Module Code 1015MMINM1		<b>Workload</b> 450h	ECTS Credits 15	Module Language English	Module Availability every term	<b>Duration</b> 1 Term		
1	Courses			Contact Hours	Self-Stu- dies	Course Language		
2	Module Content							
3	Learning Objectives Students are familiar with current debate on international management theory and methods and make use of it through their own independent research work identify questions and issues that meet academic requirements work on these questions independently, using the main primary and secondary literature formulate theoretical and methodical (qualitative and/or quantitative) approaches to academic research draw up a research plan and implement it independently organise and design an academic research process independently collect relevant data and evaluate them in a methodically competent manner discuss theoretical and methodical problems in depth with teaching staff, other students and persons with an interest in the field critically assess research findings and derive conclusions from them that are relevant to research and society.							
4	Teaching and Learning Methods Master's Thesis							
5	Module Entry Requirements							
6	Mode of End-Of-Module Examination Written test 3 months							
7	Prerequisites for Awarding of Credit Points Passing the examination							
8	Other Programmes that Use the Module  Master of Science International Management:  Master Thesis in International Management							
9	Module Manager Alle Areas							
10	Miscellaneous							