

# 2023/24

Please keep in mind the year of validity.

FACULTY OF MANAGEMENT,  
ECONOMICS AND SOCIAL  
SCIENCES

VICE DEAN OF STUDIES  
DEPARTMENT

valid for students of the  
Examination Regulations  
2021

(enrolment from  
winter semester 2021/22)



## MODULE CATALOGUE

BUSINESS ADMINISTRATION:  
CORPORATE DEVELOPMENT  
MASTER OF SCIENCE

IN ACCORDANCE WITH THE EXAMINATION REGULATIONS FOR THE SINGLE MAJOR  
MASTER PROGRAMME IN BUSINESS ADMINISTRATION – CORPORATE DEVELOPMENT

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**List of abbreviations**

AM	Advanced module	PRES	Presentation
AS	Assignment	SI	Studium Integrale
C	Course	SpM	Specialisation module
CC	Compulsory course	SuM	Supplementary module
CH	Contact hours (= time spent in class)	SPW	Semester period per week
CM	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
PO	Portfolio	WT	Written test
PR	Project		

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# 1 Business Administration

The job opportunities for graduates of the M.Sc. Business Administration programme combine tasks requiring specialist expertise and responsibility for HR and budget matters in businesses. Specialist expertise is acquired through the chosen major. Management components are covered through content concerning management roles and the requirements they pose with regard to analytical thinking in dynamic contexts, method-driven, target-oriented behaviour, reliability and stress resistance in planning and reporting phases and confident intercultural communication in line with the situation at hand, including English-speaking environments. The communication skills required include those needed for situations in which employees and clients need to be involved or advised (by conveying information and/or feedback to them). The specifics of each major are described in the following sections.

## 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 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.

	<b>Graduates act as/with...</b>
Subject-related and analytical competencies	<b>...experts in strategic management to develop successful and sustainable business strategies.</b>
	<i>Students develop value-creating business strategies and business plans based on scientific knowledge.</i>
	<i>Students reflect on ethical and social values to implement sustainable and socially responsible business goals.</i>
	<b>...innovative human resource managers and organizational developers to enhance employee performance and satisfaction in organizations.</b>
	<i>Students analyze current issues in the field of organizational design and human resource management based on scientific evidence.</i>
	<i>Students apply quantitative and qualitative methods to make evidence-based management decisions.</i>
Communicative and cooperative competencies	<b>...collaborative and ethically sensitive leaders to lead diverse groups in a purposeful and situationally appropriate manner.</b>
	<i>Students work together in diverse teams in a goal-oriented manner and present and discuss scientific topics with people from theory and practice.</i>
	<i>Students justify and defend independently developed positions or solutions.</i>

Personal competencies	<b>...motivated and independent thinkers to make strategic management decisions in an analytically sound manner.</b>
	<i>Students design their learning and work processes independently by processing feedback constructively and assessing their own action process in order to grasp their development potential.</i>
	<i>Students develop an analytical understanding of economic decisions</i>
	<b>..ethically sensitized decision-makers who contribute to solving the corporate, environmental and social challenges of the future.</b>
	<i>Students recognize the impact of decisions on the achievement of corporate goals and social well-being.</i>
	<i>Students act responsibly in accordance with ecological, social and ethical criteria.</i>

The Corporate Development major covers methods and tools for strategic business management, corporate development and HR management. Graduates will have acquired a detailed understanding of theoretical knowledge and typical patterns of behavior in areas of corporate configuration and development, strategic management and HR management. They will be able to consider the intra-company participants' responsibility related to requirements of compliance. The job prospects are diverse, ranging from HR and organisational departments (functional areas or staff units) to personnel and organisational development, strategic planning and business management in companies and management consultancies.

## 1.2 Requirements

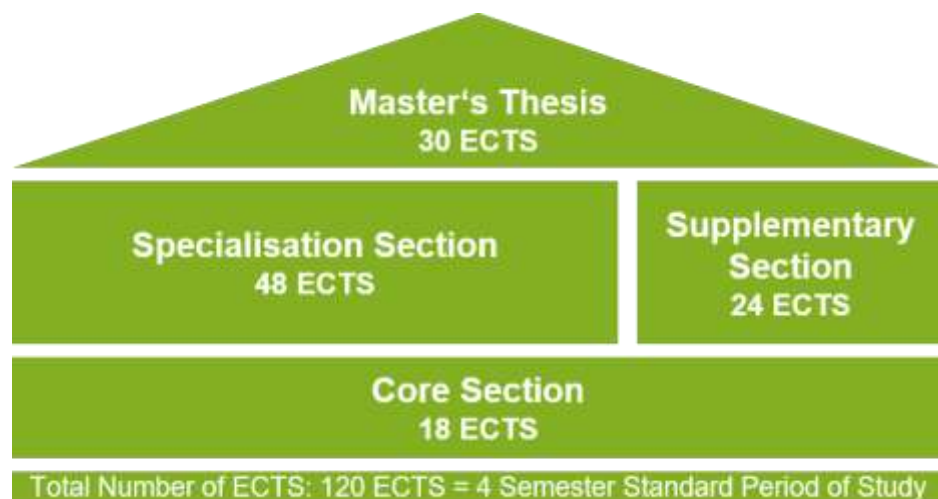
The admission requirement for the study programme is the completion of a professionally qualifying degree in a relevant bachelor's programme. The programme should have had a minimum duration of at least six semesters, in which at least 180 credit points were acquired, or an equivalent successfully completed course of study with a final grade of 2.7 or better. Furthermore, B2 English language skills (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 **admission regulations**.

The WiSo Faculty has established a **Double Master's Programme in Business Administration** in cooperation with several partner universities. Students admitted to the double degree track are spending one year at a partner university and receive the master's degrees of both universities after successful completion. Participants are exempt from paying tuition fees at the partner university. Students need to apply to the programme before commencing their studies. The **International Relations Center (ZIB WiSo)** serves as point of information and advice concerning the application process and the study plan.

### 1.3 Programme structure

The Master in Business Administration is a 120 ECTS credits, with a standard study period of four terms and is made up of the following subject categories: The core section (18 ECTS credits) consists of basic method modules, chosen by the student. The specialisation section (48 ECTS credits) consists of modules for the respective major and a seminar. In the supplementary section (24 ECTS credits), students can choose from among a wide range of offerings in the fields of management, economics and social sciences. The last area is the master's thesis, worth 30 ECTS credits.



### 1.4 Study Abroad Option

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

Successful STAP applicants benefit from direct contact and organisational support at the partner university and are exempt from paying tuition fees there. The range of universities available depends on the master programme in which the student is enrolled – the possible options are listed in the **WiSo EXchange (WEX) International Outgoings Portal** (access through the student's UoC account only), along with detailed information on each university.

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

In addition to these options offered by the Faculty, master students can also apply for a non-WiSo exchange, offered by Dezernat 9 – Internationales (Central International Office of the University of Cologne) within the 'fakultätsübergreifende Partnerschaften' framework. Further possibilities include going abroad as a freemover (i.e. as a student who organises his or her

stay abroad independently) or participating in short courses or summer schools offered under separate terms and conditions.

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

**The Faculty’s Study Abroad Programme (STAP):**

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

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



\* Alternative offer: if no offer can be given at one of the five preferred universities and if slots at other universities are available.  
 \*\* End of main selection round. In case any exchange slots become available after 15 March, these slots will be made available in a secondary selection round.

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

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



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

**Credit transfer options from studies abroad:**

The WiSo Faculty has put a lot of emphasis on internationalisation in the design of its master courses, offering broad credit transfer options for all kinds of study abroad options. Each master course includes at least one "Studies Abroad" module, with a broad range of courses suitable for credit transfer. In addition, a single course-to-course credit transfer can be considered.



For more information on credit transfer rules and regulations, please go to **WiSo Credit Transfer Center** > Information > Studies Abroad. For any questions regarding credit transfer, students can contact the **ZIB WiSo** or the **WiSo Credit Transfer Center**.

### 1.5 Example study plan

A semester abroad is recommended in the third or fourth semester.

M.Sc. Programme Business Administration – Corporate Development (with study abroad option)						
1. Semester	Core Module (1/2) EC 6 CP	Core Module (2/2) EC 6 CP or Management Skills* CC 1015MBMSK1 6 CP	Specialisation Module – Basics (1/3) EC 6 CP	Specialisation Module – Basics (2/3) EC 6 CP	Specialisation Module – Basics (3/3) EC 6 CP	CP 30
2. Semester	Specialisation Module Seminar CC 1253MSCD51 6 CP	Management Skills* CC 1015MBMSK1 6 CP or Core Module (2/2) EC 6 CP	Business/ Research Project CC 1253MSBRP1 12 CP		Specialisation Module (1/2) EC 6 CP	CP 30
3. Semester semester abroad	Supplementary Section Studies Abroad EC 24 CP				Specialisation Module (2/2)** EC 6 CP	CP 30
4. Semester	Master Thesis Business Administration – Corporate Development CC 1015MMCOE1 30 CP					CP 30

Sections **Core** Specialisation Supplementary

- \* The module can be taken from the first semester onwards, there are no subject-specific requirements. The module is offered every semester.
- \*\* Individual crediting of successfully completed studies abroad modules is possible.

M.Sc. Programme Business Administration – Corporate Development						
1. Semester	Core Module (1/2) EC 6 CP	Core Module (2/2) EC 6 CP or Supplementary Module (1/4) EC 6 CP	Specialisation Module – Basics (1/3) EC 6 CP	Specialisation Module – Basics (2/3) EC 6 CP	Specialisation Module – Basics (3/3) EC 6 CP	CP 30
2. Semester	Business/ Research Project CC 1253MSBRP1 12 CP		Specialisation Module (1/2) EC 6 CP	Core Module (2/2) EC 6 CP or Supplementary Module (1/4) EC 6 CP	Supplementary Module (2/4) EC 6 CP	CP 30
3. Semester	Core Module Management Skills* CC 1015MBMSK1 6 CP	Specialisation Module Seminar CC 1253MSCD51 6 CP	Specialisation Module (2/2) EC 6 CP	Supplementary Module (3/4) EC 6 CP	Supplementary Module (4/4) EC 6 CP	CP 30
4. Semester	Master Thesis Business Administration – Corporate Development CC 1015MMCOE1 30 CP					CP 30

Sections **Core** Specialisation Supplementary

- \* The module can be taken from the first semester onwards, there are no subject-specific requirements. The module is offered every semester.

### 1.6 Modules with mid-term examinations

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

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

### 1.7 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**.

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

- a) Mark for core section: 18 of 120 ECTS credits
- b) Mark for specialisation section: 48 of 120 ECTS credits
- c) Mark for supplementary section: 24 of 120 ECTS credits
- d) Mark for master's thesis: 30 of 120 ECTS credits

### 1.8 Rules for failed attempts

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

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

“bestanden” (pass) mark, or at least an “ausreichend (4,0)” (sufficient) mark, in all of the examination components. All components marked “mangelhaft (5,0)” or “nicht bestanden” (fail) must be retaken.

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

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

## 2 Support for students

### 2.1 Course registration in KLIPS 2.0

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

### 2.2 Exam registration in KLIPS 2.0

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

### 2.3 Subject-specific advice and examination advice

The **WiSSPo** provides general advice on studies, including the possibilities available and the requirements, for all programmes offered by the WiSo Faculty. Further services include the issuing of transcripts of records in German and English, ranking certificates and letters of assignment to the appropriate term of the programme and the application for advanced / higher semester. The WiSSPo is also the first place to turn to for students with questions and problems related to their studies. Advisors can be contacted by phone, in person and, of course, through e-mail. Please make note of the opening hours and contact data on the website.

**Subject-specific advice** is offered during the designated times by the University’s faculty members and associated teaching staff (“akademische Mitarbeiter/innen”) involved in teaching

in the programme. The designated times are announced by means of notices in the institutes and on the departments'/institutes' websites.

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

## 2.4 Other sources of information and advice

International students who study at the WiSo Faculty for part of their programme can request help from the **International Relations Center** with any questions they have. Cologne University students preparing to study abroad can also contact the ZIB for support. ZIB also offers a variety of summer schools, short programmes and Business English courses. The services, courses and people to contact can all be found on the website.

The Faculty's **Credit Transfer Centre** is responsible for recognising credits accumulated in other institutions. This applies both to credits students have gained at other higher education institutions in Germany or abroad prior to studying at the WiSo Faculty, and to (advance) transfer of credits that students plan to accumulate abroad or have already accumulated abroad as part of a WiSo Faculty programme. This system does away with the need to make individual inquiries to departments/institutes and examination offices. Students can find out everything they need to know about the transfer process on the website.

The **WiSo Career Service** offers advice and support, in cooperation with other partners, to students from the WiSo Faculty looking for the internship or profession that is right for them. It also assists students in planning their career and applying for jobs. Additionally, the WiSo Career Service organises seminars, presentations and special events in cooperation with employers and external and internal experts. All of the necessary information can be found on the website.

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

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

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

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

### 3 Curriculum and module descriptions

#### 3.1 Core section

In accordance with section 29(1), No. 1 of the Examination Regulations, the examination candidate must obtain 18 ECTS credits in the core section.

Group	Module	ECTS	CC/ EC	Required ECTS	
Core Section Corporate Development	CM Management Skills	6	CC	6	18
	CM Applied Econometrics (Business Administration)	6	EC	12	
	CM Microeconomics (Business Administration)	6	EC		
	CM Experimental Economics	6	EC		
	CM People Analytics & Econometrics	6	EC		

### 3.2 Specialisation section

In accordance with section 29(1), No. 2 of the Examination Regulations, the examination candidate must obtain 48 ECTS credits in the specialisation section.

Group	Module	ECTS	CC/ EC	Required ECTS
Fundamentals	SpM Business Ethics	6	EC	18
	SpM Strategic Development	6	EC	
	SpM Strategic Human Resource Management	6	EC	
	SpM Strategic Management	6	EC	
Advanced	SpM Business/Research Project	12	CC	24
	SpM Elective Corporate Development I	6	EC	
	SpM Elective Corporate Development II	6	EC	
	SpM Elective Corporate Development III	6	EC	
Seminar	SpM Corporate Development Seminar	6	CC	6



### 3.3 Supplementary section

In accordance with section 29(1), No. 3 of the Examination Regulations, the examination candidate must obtain 24 ECTS credits in a sub-group of the supplementary section.

Group	Module	ECTS	CC/EC	Required ECTS
Accounting and Taxation	SpM Controlling I	6	EC	24
	SpM Controlling II	6	EC	
	SpM Accounting I	6	EC	
	SpM Taxation I	6	EC	
	SpM Advanced Accounting	6	EC	
	SpM Accounting & Taxation Seminar	6	EC	
	SpM Selected Issues in Accounting & Taxation I	6	EC	
Economics for Business Administration	SpM Empirical Methods and Data Analysis I	6	EC	24
	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	
	SuM Energy and Climate Change I	6	EC	
	SuM Energy and Climate Change II	6	EC	
	SuM Energy and Climate Change III	6	EC	
	SuM Energy and Climate Change IV	6	EC	

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	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	
Economic Psychology	SuM Introduction to Economic Psychology	12	CC	24
	SuM Advanced Economic Psychology I	6	CC	
	SuM Advanced Economic Psychology II	6	CC	
Finance	SpM Finance I	6	CC	24
	SpM Finance II	6	CC	
	SpM Finance III	6	CC	
	SpM Finance Advanced IV	6	CC	
Information Systems	CM Information Systems I	6	CC	24
	CM Information Systems II	6	CC	
	CM Digital Transformation	6	CC	
	SpM Information Systems I	6	EC	
	SpM Information Systems II	6	EC	
	SpM Information Systems III	6	EC	
Supply Chain Management	CM Supply Chain Analytics I	6	CC	24
	CM Supply Chain Analytics II	6	EC	
	SpM Supply Chain Operations	6	CC	
	SpM Supply Chain Strategy	6	EC	
	SpM Supply Chain Planning	6	EC	
	SpM Selected Issues in Behavioural Supply Chain Management	6	EC	
Marketing	SpM Brand Management	6	CC	24
	SpM Customer Management	6	CC	

	SpM Marketing Performance Management	6	CC	
	SpM Digital Strategy and Marketing	6	CC	
Business Analytics & Econometrics	CM Data Analytics I	6	EC	24
	CM Data Analytics II	6	EC	
	CM Data Analytics III	6	EC	
	CM Data Analytics IV	6	EC	
	CM Data Analytics V	6	EC	
Studies Abroad	Studies Abroad I	6	EC	24
	Studies Abroad II	6	EC	
	Studies Abroad III	6	EC	
	Studies Abroad IV	6	EC	

### 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, studies can have an academic and a professional orientation, serving the development of professional competences. The extracurricular course programme intends to promote and impart competences that go beyond specialist knowledge or that concern basic scientific or personal attitudes, such as: scientific curiosity, systematic and analytical thinking, dealing with complexity, solution-orientation, the ability to work in a team, foreign language competence and other skills. The extracurricular course programme is offered jointly by the faculties and the Professional Centre of the University of Cologne. The programme 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 30 ECTS credits, is written towards the end of the programme. It is intended to show that the student is capable of conducting academic work on and reflecting on a specific problem related to the subject matter covered on the programme,

while using the necessary methods within a specified period. The topic of the master's thesis on the Business Administration programme must come from the specialisation area or from the subject group taken by the candidate in the supplementary section. If the topic relates to the supplementary area, the candidate must already have accumulated 18 ECTS credits in said supplementary section.

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

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

### 3.6 Module Descriptions

#### 3.6.1 Core Section Corporate Development

CM Management Skills					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1015MBMSK1	180h	6	German and English	every term	1 Term
1	<b>Courses</b> a) Management Skills b) Management Skills		<b>Contact Hours</b> a) 30h b) 30h	<b>Self-Studies</b> a) 150h b) 150h	<b>Course Language</b> a) English b) German
2	<b>Module Content</b> Methods, models, techniques, tools and procedures for analysis and reflection alternatively in the areas of: <ol style="list-style-type: none"> <li>1. Communication                             <ul style="list-style-type: none"> <li>• Moderation and presentation techniques</li> <li>• Communication in complex organisations</li> </ul> </li> <li>2. Group/team organisation                             <ul style="list-style-type: none"> <li>• Leadership (requirements, influencing factors, success criteria, disturbances, ...)</li> <li>• Goal definition, role definition, task definition and distribution</li> </ul> </li> <li>3. Project management                             <ul style="list-style-type: none"> <li>• Agile management</li> <li>• Change management</li> <li>• IT tools</li> </ul> </li> <li>4. Leadership                             <ul style="list-style-type: none"> <li>• Decision Preparation</li> <li>• Leadership</li> <li>• Negotiation</li> <li>• Problem-solving</li> </ul> </li> </ol>				
3	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... understand advanced, specialized theories / methods in the areas of communication, team organisation, project management or leadership. ... analyse current questions and challenges in the areas of communication, team organisation, project management or leadership. ... communicate continuously and purposefully in diverse teams. ... solve team-internal conflicts and target divergences independently. ... 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. ... develop work processes for real problems and challenges.				
4	<b>Teaching and Learning Methods</b> seminar				

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<b>5</b>	<b>Module Entry Requirements</b> None
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Accounting and Taxation: Core Section Accounting and Taxation Master of Science Business Administration - Finance: Core Section Finance Master of Science Gesundheitsökonomie: Core Section Health Economics Master of Science Business Administration - Marketing: Core Section Marketing Master of Science Business Administration - Corporate Development: Core Section Corporate Development Master of Science Business Administration - Supply Chain Management: Core Section Supply Chain Management
<b>9</b>	<b>Module Manager</b> AD Dr. Johannes Antweiler
<b>10</b>	<b>Miscellaneous</b> A range of seminars are offered, each focusing on different aspects of management skills.

<b>CM Applied Econometrics (Business Administration)</b>					
<b>Module Code</b> 1289MBAEC1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Applied Econometrics (Master Business Administration)		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Statistical Foundations and Testing</li> <li>• Experiments and RCTs</li> <li>• Regression (OLS, dummy variables, omitted variable bias, nonlinear models, binary dependent variables)</li> <li>• Instrumental Variables</li> <li>• Regression Discontinuity</li> <li>• Panel data (Fixed effects, differences-in-differences)</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Knowledge of basic econometrics and statistics, basic knowledge of R				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Accounting and Taxation: Core Section 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				

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	<p>Master of Science Information Systems:                  Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management:                  Supplementary Section Supply Chain Management</p> <p>Master of Science Business Administration - Finance:                  Core Section Finance</p> <p>Master of Science International Management:                  Supplementary Section International Management</p> <p>Master of Arts Politikwissenschaft:                  Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology:                  Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research:                  Supplementary Section Sociology and Social Research</p> <p>Master of Science Business Administration - Marketing:                  Core Section Marketing</p> <p>Master of Science Business Administration - Corporate Development:                  Core Section Corporate Development</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Pia Pinger</p>
<b>10</b>	<p><b>Miscellaneous</b></p>



<b>CM Microeconomics (Business Administration)</b>					
<b>Module Code</b> 1289MBMBA1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Microeconomics: Game Theory		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Non-cooperative Game Theory</li> <li>• Normal form games</li> <li>• Extensive form games, with complete and incomplete information</li> <li>• Finitely and infinitely repeated games</li> <li>• Cooperative Game Theory</li> <li>• Core, Shapley-value, bargaining problem</li> <li>• Evolutionary game theory</li> <li>• Social choice theory, voting</li> <li>• Condorcet-paradox, Arrow-theorem</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Bachelor Level Microeconomics, Macroeconomics, Mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Accounting and Taxation: Core Section 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:				

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	<p>Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:  Supplementary Section Corporate Development  Master of Science Business Administration - Supply Chain Management:  Supplementary Section Supply Chain Management  Master of Science Geographie:  Wahlpflichtfach Management &amp; Social Sciences  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  Master of Science Business Administration - Marketing:  Core Section Marketing  Master of Science Business Administration - Corporate Development:  Core Section Corporate Development</p>
<b>9</b>	<p><b>Module Manager</b>  Univ.-Prof. Dr.' Bettina Rockenbach</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>CM Selected Methods in Economics</b>					
<b>Module Code</b> 1289MBEXE1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Experimental Methods		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Experimental Methods in economics</li> <li>• Experimental designs</li> <li>• Analysing experimental data</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Bachelor Level Microeconomics, Macroeconomics, Mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science International Management:				

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	<p>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 Administration - Marketing: Core Section Marketing Master of Science Business Administration - Corporate Development: Core Section Corporate Development</p>
<b>9</b>	<p><b>Module Manager</b> Prof. Christopher Roth</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>CM People Analytics &amp; Econometrics</b>					
<b>Module Code</b> 1253MBPAE1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> People Analytics & Econometrics		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> The modules trains students to analyze company data using statistical software in order to evaluate the impact of management practices.				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... evaluate their own action processes in self- and external reflection and identify development potentials. ... act responsibly considering ecological, social and ethical criteria. ... develop work processes for real problems and challenges. ... use techniques of scientific work and good scientific practice.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Basic knowledge of statistics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Project Paper				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Analytics & Econometrics: Supplementary Section Business Analytics & Econometrics Master of Science Business Administration - Corporate Development: Core Section Corporate Development				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Dirk Sliwka				

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<b>10</b>	<b>Miscellaneous</b>
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## 3.6.2 Specialisation Section Corporate Development

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

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	<p>Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Gesundheitsökonomie: Supplementary Section Health Economics</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p> <p>Master of Science Business Administration - Corporate Development: Specialisation Section Corporate Development</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Bernd Irlenbusch</p>
<b>10</b>	<p><b>Miscellaneous</b> This module can contain courses which takes place either until the middle of the semester (1. term) or from the middle of the semester (2. term). The required examinations are generally offered after the respective term.</p>



<b>SpM Strategic Development</b>					
<b>Module Code</b> 1253MSSDP1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Mergers and Acquisitions		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> Key issues of corporate development				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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 - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Geographie:				

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	<p>Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p> <p>Master of Science Business Administration - Corporate Development: Specialisation Section Corporate Development</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr.' Anne Burmeister</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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

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	<p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Gesundheitsökonomie: Supplementary Section Health Economics</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p> <p>Master of Science Business Administration - Corporate Development: Specialisation Section Corporate Development</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Dirk Sliwka</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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

	<p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Gesundheitsökonomie: Supplementary Section Health Economics</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p> <p>Master of Science Business Administration - Corporate Development: Specialisation Section Corporate Development</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Matthias Heinz</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Business/Research Project</b>					
<b>Module Code</b> 1253MSBRP1	<b>Workload</b> 360h	<b>ECTS Credits</b> 12	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Business Project in Corporate Development b) Research Project in Corporate Development		<b>Contact Hours</b> a) 30h b) 30h	<b>Self-Studies</b> a) 330h b) 330h	<b>Course Language</b> a) German and English b) English
<b>2</b>	<b>Module Content</b> Students work in small groups autonomously on projects in companies or they work on their own empirical research projects.				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... 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. ... 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. ... 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. ... evaluate their own action processes in self- and external reflection and identify development potentials. ... develop work processes for real problems and challenges. ... use techniques of scientific work and good scientific practice.				
<b>4</b>	<b>Teaching and Learning Methods</b> excursion seminar Research project				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination of one course. A course is to be attended; the examination relates to the content of one course.				

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<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Corporate Development: Specialisation Section Corporate Development
<b>9</b>	<b>Module Manager</b> Area Corporate Development
<b>10</b>	<b>Miscellaneous</b>



<b>SpM Elective Corporate Development I</b>					
<b>Module Code</b> 1253MSSIC1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Elective Corporate Development I		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> German and English
<b>2</b>	<b>Module Content</b> Varying topics of corporate development				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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 - Supply Chain Management:				

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	<p>Supplementary Section Supply Chain Management</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Science Business Administration - Corporate Development: Specialisation Section Corporate Development</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b></p> <p>Area Corporate Development</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Elective Corporate Development II</b>					
<b>Module Code</b> 1253MSSIC2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Sustainability & Strategy b) Elective Corporate Development II		<b>Contact Hours</b> a) 45h b) 45h	<b>Self-Studies</b> a) 135h b) 135h	<b>Course Language</b> a) English b) German and English
<b>2</b>	<b>Module Content</b> Varying topics of corporate development				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination of one course. A course is to be attended; the examination relates to the content of one course.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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				

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	Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science International Management: Supplementary Section International Management Master of Science Informatik: Anwendungsfeld Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik Master of Science Business Administration - Corporate Development: Specialisation Section Corporate Development Master of Science Economic Research: Specialisation Section Economic Research
<b>9</b>	<b>Module Manager</b> Area Corporate Development
<b>10</b>	<b>Miscellaneous</b>

<b>SpM Elective Corporate Development III</b>					
<b>Module Code</b> 1253MSSIC3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> The Psychology of Entrepreneurship		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<p><b>Module Content</b></p> <p>The 21st century is full of challenges that require innovative solutions: We are in the midst of climate change, our work and private life is becoming increasingly digital and the demographic change in many countries is changing the nature of the workforce in many organizations, to name just a few. Entrepreneurship has been shown to be one of the most fruitful ways to increase innovation levels and economic and societal development worldwide and may therefore be an important means to tackle the grand challenges of our time.</p> <p>But what does it actually mean to think and act in entrepreneurial ways? Are entrepreneurs born with a certain set of qualities and skills, or is entrepreneurship something anyone can learn? What determines whether we become entrepreneurs or not, and what are the psychological consequences of becoming an entrepreneur? Is entrepreneurial thinking reserved for entrepreneurs, or could we all benefit (or even suffer) from adopting an entrepreneurial mindset?</p> <p>This interactive course will answer these and further questions on the psychology of entrepreneurship. Based on well-established theories and the most recent scientific evidence, we will cover different aspects of the entrepreneurial mindset. You will also get a chance to develop your own entrepreneurial mindset and to design interventions that foster entrepreneurial thinking and action in others.</p>				
<b>3</b>	<p><b>Learning Objectives</b></p> <p>Students...</p> <ul style="list-style-type: none"> <li>... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</li> <li>... understand advanced, specialized theories / methods in the area of corporate development.</li> <li>... analyse current questions and challenges in the area of corporate development.</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>... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists.</li> <li>... critically evaluate current social developments and develop alternative solutions.</li> <li>... develop work processes for real problems and challenges.</li> </ul>				
<b>4</b>	<p><b>Teaching and Learning Methods</b></p> <p>lecture practice</p>				
<b>5</b>	<p><b>Module Entry Requirements</b></p> <p>none</p>				
<b>6</b>	<p><b>Mode of End-Of-Module Examination</b></p> <p>Written test: WT (60)</p>				
<b>7</b>	<p><b>Prerequisites for Awarding of Credit Points</b></p> <p>Passing the module examination</p>				

<p><b>8</b></p>	<p><b>Other Programmes that Use the Module</b>                  Master of Science Mathematik:                      Economics Sciences                  Master of Science Wirtschaftsmathematik:                      Economics 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 - Supply Chain Management:                      Supplementary Section Supply Chain Management                  Master of Science Informatik:                      Anwendungsfeld                  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:                      Ergänzungsbereich Wirtschaftspädagogik                  Master of Science Business Administration - Corporate Development:                      Specialisation Section Corporate Development</p>
<p><b>9</b></p>	<p><b>Module Manager</b>                  Area Corporate Development</p>
<p><b>10</b></p>	<p><b>Miscellaneous</b></p>

<b>SpM Corporate Development Seminar</b>					
<b>Module Code</b> 1253MSCDS1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Seminar in Corporate Development		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> The students learn how to read and analyse scientific studies of business development, strategic management, human resource management and/or business ethics, to discuss these studies critically and to summarise and present their insights in writing.				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... understand advanced, specialised theories / methods. ... assess and discuss findings and research results of specialised theories / methods. ... collect and analyse data material for selected scientific questions using quantitative / qualitative methods. ... collect, systematize and synthesise independently literature on selected scientific questions. ... prepare independently a research design for a question. ... 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. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... act responsibly considering ecological, social and ethical criteria. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Participation in Corporate Development specialisation modules				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP and OE				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Corporate Development: Specialisation Section Corporate Development				
<b>9</b>	<b>Module Manager</b> Area Corporate Development				

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<b>10</b>	<b>Miscellaneous</b>
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### 3.6.3 Supplementary Section Corporate Development

<b>SpM Controlling I</b>					
<b>Module Code</b> 1016MSCON1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Operative Controlling (1. Term)		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Fundamentals of controlling</li> <li>• Theory, strategies and methods to support controlling activities</li> <li>• Controlling instruments</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Basic knowledge of internal and external accounting, investment, financing and decision theory				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences Master of Science Business Administration - Accounting and Taxation: Specialisation Section Accounting and Taxation Master of Science Geographie: Wahlpflichtfach Management & Social Sciences Master of Science Economics: Supplementary Section Management & Social Sciences Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology				

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	<p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Business Analytics &amp; Econometrics: Supplementary Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Gesundheitsökonomie: Supplementary Section Health Economics</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Carsten Homburg</p>
<b>10</b>	<p><b>Miscellaneous</b> This course ends in the middle of the semester (1. term). The exam is offered at the end of the course.</p>

<b>SpM Controlling II</b>					
<b>Module Code</b> 1016MSCON2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Strategic Controlling (2. Term)		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Introduction to strategic controlling</li> <li>• Conventional cost management instruments</li> <li>• More recent cost management instruments</li> <li>• Benchmarking</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Basic knowledge of internal and external accounting, investment, financing and decision theory				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences Master of Science Business Administration - Accounting and Taxation: Specialisation Section Accounting and Taxation Master of Science Economics: Supplementary Section 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 - Finance:				

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	<p>Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Business Analytics &amp; Econometrics: Supplementary Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Gesundheitsökonomie: Supplementary Section Health Economics</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Carsten Homburg</p>
<b>10</b>	<p><b>Miscellaneous</b> This course starts in the middle of the semester (2. term). The exam is offered at the end of the course.</p>

<b>SpM Accounting I</b>					
<b>Module Code</b> 1016MSACC1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Sustainability Reporting		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> German and English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Conceptual and Institutional Background</li> <li>• General Requirements</li> <li>• Reporting on Governance Issues</li> <li>• Reporting on Environmental Issues</li> <li>• Reporting on Social Issues</li> <li>• Preparing Sustainability Reports</li> <li>• Assuring Sustainability Reports</li> <li>• Analyzing Sustainability Reports</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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, environmental 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences Master of Science Business Administration - Accounting and Taxation: Specialisation Section Accounting and Taxation Master of Science Geographie: Wahlpflichtfach Management & Social Sciences				

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	<p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p>
<b>9</b>	<p><b>Module Manager</b> Prof. Dr. Maximilian A. Müller</p>
<b>10</b>	<p><b>Miscellaneous</b> The examination is offered in every term.</p>

<b>SpM Taxation I</b>					
<b>Module Code</b> 1016MSTAX1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Taxation of Companies I		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> German
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Business taxation</li> <li>• Taxation of different legal structures (partnerships and corporations)</li> <li>• Choice of legal structure</li> <li>• International business taxation</li> <li>• Double taxation and anti-tax avoidance legislation</li> <li>• Case studies</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences Master of Science Business Administration - Accounting and Taxation: Specialisation Section Accounting and Taxation Master of Science Geographie: Wahlpflichtfach Management & Social Sciences Master of Science Economics: Supplementary Section Management & Social Sciences Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology Master of Science Sociology: Social Research:				

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	<p>Supplementary Section Sociology and Social Research</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Michael Overesch</p>
<b>10</b>	<p><b>Miscellaneous</b></p>



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

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	<p>Specialisation Section Accounting and Taxation</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Business Analytics &amp; Econometrics: Supplementary Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Gesundheitsökonomie: Supplementary Section Health Economics</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Carsten Homburg</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Accounting &amp; Taxation Seminar</b>					
<b>Module Code</b> 1016MSATS1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Seminar Business Taxation b) Seminar Financial Accounting c) Seminar Managerial Accounting		<b>Contact Hours</b> a) 30h b) 30h c) 30h	<b>Self-Studies</b> a) 150h b) 150h c) 150h	<b>Course Language</b> a) German b) German c) English
<b>2</b>	<b>Module Content</b> Current topics in the field of managerial accounting or financial accounting or taxation				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination of one course. A course is to be attended; the examination relates to the content of one course.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences Master of Science Business Administration - Accounting and Taxation: Specialisation Section Accounting and Taxation Master of Science Business Administration - Finance: Supplementary Section Finance Master of Science Business Administration - Marketing: Supplementary Section Marketing				

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	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 - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science International Management: Supplementary Section International Management Master of Science Informatik: Anwendungsfeld Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik
<b>9</b>	<b>Module Manager</b> Area Accounting and Taxation
<b>10</b>	<b>Miscellaneous</b>

<b>SpM Selected Issues in Accounting &amp; Taxation I</b>					
<b>Module Code</b> 1016MSSIS1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Tax Accounting b) Financial Service and Real Estate Taxation c) Taxation of Family Business d) Selected Issues in Controlling I e) Selected Issues in Auditing f) Accounting for capital market transactions		<b>Contact Hours</b> a) 30h b) 30h c) 30h d) 30h e) 30h f) 30h	<b>Self-Studies</b> a) 60h b) 60h c) 60h d) 60h e) 60h f) 60h	<b>Course Language</b> a) English b) English c) German d) English e) German f) German
<b>2</b>	<b>Module Content</b> Selected Issues in managerial accounting, financial accounting, auditing or business taxation				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination: Two lectures must be taken. The exam covers the content of two lectures.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences Master of Science Business Administration - Accounting and Taxation: Specialisation Section 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				

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	Master of Science Business Administration - Marketing: Supplementary Section Marketing Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science International Management: Supplementary Section International Management Master of Science Informatik: Anwendungsfeld Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik
<b>9</b>	<b>Module Manager</b> Area Accounting and Taxation
<b>10</b>	<b>Miscellaneous</b>

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

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	<p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science Business Analytics &amp; Econometrics: Specialisation Section Business Analytics &amp; Econometrics Supplementary Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Business Administration - Marketing: Core Section Marketing</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Dominik Wied</p>
<b>10</b>	<p><b>Miscellaneous</b></p>



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

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	<p>Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science Business Analytics &amp; Econometrics: Specialisation Section Business Analytics &amp; Econometrics Supplementary Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Jörg Breitung</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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

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	<p>Economics</p> <p>Master of Science Wirtschaftsmathematik: Economics</p> <p>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science Business Analytics &amp; Econometrics: Supplementary Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Business Administration - Marketing: Core Section Marketing</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Dominik Wied</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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

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	<p>Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science Business Administration - Finance: Core Section Finance</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science Business Analytics &amp; Econometrics: Specialisation Section Business Analytics &amp; Econometrics Supplementary Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Roman Liesenfeld</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Empirical Methods and Data Analysis V</b>					
<b>Module Code</b> 1314MSEMD5	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Multivariate Statistics b) Panel Data Analysis c) Bayesian Econometrics d) Topics in Econometrics and Statistics V		<b>Contact Hours</b> a) 45h b) 45h c) 45h d) 45h	<b>Self-Studies</b> a) 135h b) 135h c) 135h d) 135h	<b>Course Language</b> a) English b) English c) English d) English
<b>2</b>	<b>Module Content</b> a) Multivariate Statistics: • Analysis of Variance • Eigenvalues • Principal Component Analysis • Factor Analysis • Discriminant Analysis • Cluster Analysis • Multivariate Testing • Correlation Analysis  b) Panel Data Analysis: • Static Panel Data Model • Dynamic Panel Data Model • Extensions • Factor Analysis  c) Bayesian Econometrics: • Basic Principles of Bayesian Econometrics • Bayesian Estimators and Numerical Integration • Importance Sampling and Markov-Chain-Monte-Carlo • Gaussian Linear Regression Model with Conjugate Priors • Gaussian Linear Regression Model with Non-Conjugate Priors • Linear Regression Model with General Error Covariance Matrix • Time Series Models • Models for discrete dependent variables • Students will practice the use of the methods using econometric software to analyse economic data  d) Topics in Econometrics and Statistics 5: • Recent statistical and econometric methods • Applications in business administration, management studies and economics and social sciences				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				

	<p>... discuss scientific topics in a professional manner and appropriate to the situation with specialists.                  ... use techniques of scientific work and good scientific practice.</p>
<b>4</b>	<p><b>Teaching and Learning Methods</b>                  lecture                  practice</p>
<b>5</b>	<p><b>Module Entry Requirements</b>                  Recommendation: CM Econometrics or CM Applied Econometrics (Business Administration) or CM Advanced Econometrics</p>
<b>6</b>	<p><b>Mode of End-Of-Module Examination</b>                  Oral examination: OE</p>
<b>7</b>	<p><b>Prerequisites for Awarding of Credit Points</b>                  Passing the oral examination of one course. A course is to be attended; the oral examination relates to the content of one course.</p>
<b>8</b>	<p><b>Other Programmes that Use the Module</b>                  Master of Science Mathematik:                      Economics                  Master of Science Wirtschaftsmathematik:                      Economics                  Master of Science Business Administration - Accounting and Taxation:                      Core Section 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 Business Administration - Supply Chain Management:                      Supplementary Section Supply Chain Management                  Master of Science Economics:                      Specialisation Section Economics                      Supplementary Section Economics                  Master of Science Business Administration - Finance:                      Core Section Finance                  Master of Science Economic Research:                      Supplementary Section Economic Research                  Master of Science Business Analytics &amp; Econometrics:                      Supplementary Section Business Analytics &amp; Econometrics                  Master of Science International Management:                      Supplementary Section International Management                  Master of Science Informatik:                      Anwendungsfeld                  Master of Science Economic Research:                      Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Dr. Bastian Gribisch</p>
<b>10</b>	<p><b>Miscellaneous</b></p>





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

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	<p>Supplementary Section Supply Chain Management</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien China - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Ergänzungsbereich Economics</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Christoph Schottmüller</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Market Design and Behaviour II</b>					
<b>Module Code</b> 1289MSMDB2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> irregular	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Economic Engineering		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Evaluation of the roles of theory and laboratory/field experiments in the development of markets and incentive systems</li> <li>• Analysis of relevant behavioural phenomena and institutional details of particular importance for specific designs</li> <li>• Discussion of practical applications of economic engineering in matching markets, auctions and other markets</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: basic knowledge of game theory and experimental economics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Master of Science Wirtschaftsmathematik: Economics 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 Business Administration - Supply Chain Management:				

	<p>Supplementary Section Supply Chain Management</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien China - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Ergänzungsbereich Economics</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Axel Ockenfels</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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

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	<p>Supplementary Section Accounting and Taxation</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien China - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Ergänzungsbereich Economics</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Felix Bierbrauer</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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



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	<p>Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien China - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Ergänzungsbereich Economics</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Peter Funk</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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

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	<p>Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien China - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Ergänzungsbereich Economics</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science Business Administration - Finance: Core Section Finance</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Andreas Schabert</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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

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	<p>Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien China - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Ergänzungsbereich Economics</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Specialisation Section Economics Supplementary Section Economics</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Erik Hornung</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Markets and Economic Policy IV</b>					
<b>Module Code</b> 1302MSMEP4	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Macroeconomics of the Labour Market		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Labour Market Dynamics: job creation and destruction</li> <li>• Theory of Search Unemployment</li> <li>• The Search and Matching Model of the Labour Market</li> <li>• Structural Labour Market Policy: Employment Protection and Unemployment Insurance</li> <li>• Labour Markets and the Business Cycle</li> <li>• Specific Topics in Macroeconomics of the Labour Market</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: CM Macroeconomics or CM Advanced Macroeconomics; CM Microeconomics or CM Microeconomics (Business Administration) or CM Advanced Microeconomics; CM Mathematics or CM Advanced Mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Master of Science Wirtschaftsmathematik: Economics 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				

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	<p>Master of Science Information Systems:                  Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management:                  Supplementary Section Supply Chain Management</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre:                  Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien China - Volkswirtschaftslehre:                  Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre:                  Ergänzungsbereich Economics</p> <p>Master of Science Geographie:                  Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics:                  Specialisation Section Economics                  Supplementary Section Economics</p> <p>Master of Science Economic Research:                  Supplementary Section Economic Research</p> <p>Master of Science International Management:                  Supplementary Section International Management</p> <p>Master of Science Informatik:                  Anwendungsfeld</p> <p>Master of Arts Politikwissenschaft:                  Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology:                  Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research:                  Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research:                  Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Michael Krause, Ph.D.</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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



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	<p>Master of Science Economics: Supplementary Section Economics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Marc Oliver Bettzüge
<b>10</b>	<b>Miscellaneous</b>

<b>SuM Energy and Climate Change II</b>					
<b>Module Code</b> 1289MEECC2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Topics in Energy and Climate Change II b) Growth, Energy, Climate Change		<b>Contact Hours</b> a) 45h b) 60h	<b>Self-Studies</b> a) 135h b) 120h	<b>Course Language</b> a) English b) English
<b>2</b>	<b>Module Content</b> This module sheds light on the interrelation between energy use, economic growth, and environmental impacts like climate change. It starts with an introduction on natural science foundations, especially the laws of thermodynamics and their relevance for economics. On this basis, the course covers resource economics, capital theory, the role of energy in production and economic growth, and selected issues in climate policy.				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... understand advanced, specialized theories / methods in the area of energy economics. ... analyse current questions and challenges in the area of energy economics. ... communicate continuously and purposefully in diverse teams. ... act responsibly considering ecological, social and ethical criteria.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Economics:				

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	<p>Supplementary Section Economics 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 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 Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<b>Module Manager</b> PD Dr. Dietmar Lindenberger
<b>10</b>	<b>Miscellaneous</b>

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

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	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 Economic Research: Specialisation Section Economic Research
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Marc Oliver Bettzüge
<b>10</b>	<b>Miscellaneous</b>

<b>SuM Energy and Climate Change IV</b>					
<b>Module Code</b> 1289MEECC4	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Model UNFCCC - Climate Change Strategy b) Energy Transition and Economic Development		<b>Contact Hours</b> a) 45h b) 45h	<b>Self-Studies</b> a) 135h b) 135h	<b>Course Language</b> a) English b) English
<b>2</b>	<b>Module Content</b> 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				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination. One course is to be attended; the examination relates to the content of one course.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science 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				

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	<p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Economics: Supplementary Section Economics</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Marc Oliver Bettzüge</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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



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	<p>Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Arts Regionalstudien Ost- und Mitteleuropa - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien China - Volkswirtschaftslehre: Ergänzungsbereich Volkswirtschaftslehre</p> <p>Master of Arts Regionalstudien Lateinamerika - Volkswirtschaftslehre: Ergänzungsbereich Economics</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Core Section Economics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Michael Krause, Ph.D.</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>CM Selected Methods in Economics</b>					
<b>Module Code</b> 1289MBEXE1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Experimental Methods		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Experimental Methods in economics</li> <li>• Experimental designs</li> <li>• Analysing experimental data</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Bachelor Level Microeconomics, Macroeconomics, Mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science International Management:				

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	<p>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 Administration - Marketing: Core Section Marketing Master of Science Business Administration - Corporate Development: Core Section Corporate Development</p>
<b>9</b>	<p><b>Module Manager</b> Prof. Christopher Roth</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

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

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	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: Ergänzungsbereich Wirtschaftspädagogik Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Johannes Münster
<b>10</b>	<b>Miscellaneous</b>

<b>CM Applied Econometrics (Business Administration)</b>					
<b>Module Code</b> 1289MBAEC1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Applied Econometrics (Master Business Administration)		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Statistical Foundations and Testing</li> <li>• Experiments and RCTs</li> <li>• Regression (OLS, dummy variables, omitted variable bias, nonlinear models, binary dependent variables)</li> <li>• Instrumental Variables</li> <li>• Regression Discontinuity</li> <li>• Panel data (Fixed effects, differences-in-differences)</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Knowledge of basic econometrics and statistics, basic knowledge of R				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Accounting and Taxation: Core Section 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				

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	<p>Master of Science Information Systems:                  Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management:                  Supplementary Section Supply Chain Management</p> <p>Master of Science Business Administration - Finance:                  Core Section Finance</p> <p>Master of Science International Management:                  Supplementary Section International Management</p> <p>Master of Arts Politikwissenschaft:                  Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology:                  Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research:                  Supplementary Section Sociology and Social Research</p> <p>Master of Science Business Administration - Marketing:                  Core Section Marketing</p> <p>Master of Science Business Administration - Corporate Development:                  Core Section Corporate Development</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Pia Pinger</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>CM Microeconomics (Business Administration)</b>					
<b>Module Code</b>	<b>Workload</b>	<b>ECTS Credits</b>	<b>Module Language</b>	<b>Module Availability</b>	<b>Duration</b>
1289MBMBA1	180h	6	English	every 2nd term - winter term	1 Term
<b>1</b>	<b>Courses</b> Microeconomics: Game Theory		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Non-cooperative Game Theory</li> <li>• Normal form games</li> <li>• Extensive form games, with complete and incomplete information</li> <li>• Finitely and infinitely repeated games</li> <li>• Cooperative Game Theory</li> <li>• Core, Shapley-value, bargaining problem</li> <li>• Evolutionary game theory</li> <li>• Social choice theory, voting</li> <li>• Condorcet-paradox, Arrow-theorem</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Bachelor Level Microeconomics, Macroeconomics, Mathematics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Accounting and Taxation: Core Section 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:				



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	<p>Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:  Supplementary Section Corporate Development  Master of Science Business Administration - Supply Chain Management:  Supplementary Section Supply Chain Management  Master of Science Geographie:  Wahlpflichtfach Management &amp; Social Sciences  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  Master of Science Business Administration - Marketing:  Core Section Marketing  Master of Science Business Administration - Corporate Development:  Core Section Corporate Development</p>
<b>9</b>	<p><b>Module Manager</b>  Univ.-Prof. Dr.' Bettina Rockenbach</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>CM Mathematics</b>					
<b>Module Code</b> 1314MBMAT1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Mathematics for Economists		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Systems of linear equations, fundamentals of linear algebra, determinants, eigenvalues and eigenvectors</li> <li>• Optimisation of functions of several variables</li> <li>• Difference and differential equations</li> <li>• Systems of difference and differential equations</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Knowledge of mathematics for economists on bachelor level				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Economics:				

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	<p>Core Section Economics 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</p>
<b>9</b>	<p><b>Module Manager</b> Prof. Dr. Rainer Dyckerhoff</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SuM Introduction to Economic Psychology</b>					
<b>Module Code</b> 1320MEIEP1	<b>Workload</b> 360h	<b>ECTS Credits</b> 12	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Introduction to Economic Psychology		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 300h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Basic concepts in economic psychology</li> <li>• Economic psychology and its application in consumer markets, labour markets, and financial markets</li> <li>• Economic psychology and its application in macroeconomic contexts</li> <li>• Current developments in applied economic psychology</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: WT (60), PRES				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Economics: Supplementary Section Management & Social Sciences 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 - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science International Management: Supplementary Section International Management				

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	Master of Arts Politikwissenschaft: Supplementary Section Political Science
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Erik Hölzl
<b>10</b>	<b>Miscellaneous</b>

<b>SuM Advanced Economic Psychology I</b>					
<b>Module Code</b> 1320MEAEP1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Consumer Behaviour		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Basic concepts in consumer behaviour</li> <li>• Situational influences on consumer behaviour</li> <li>• Interindividual differences in consumer behaviour</li> <li>• Current developments in consumer research</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</li> <li>... analyse current questions and challenges in consumer behaviour.</li> <li>... assess and discuss findings and research results of specialized theories / methods.</li> <li>... collect, systematize and synthesize independently literature on selected scientific questions.</li> <li>... write an academic paper on a selected topic and achieve thereby their own scientific contribution.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... act responsibly considering ecological, social and ethical criteria.</li> <li>... use techniques of scientific work and good scientific practice.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Introduction to Economic Psychology				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Finance: Supplementary Section Finance</li> <li>Master of Science Business Administration - Marketing: Supplementary Section Marketing</li> <li>Master of Science Information Systems: Supplementary Section Information Systems</li> <li>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</li> <li>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</li> </ul>				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Erik Hölzl				

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<b>10</b>	<b>Miscellaneous</b>
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<b>SuM Advanced Economic Psychology II</b>					
<b>Module Code</b> 1320MEAEP2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Organisational Behaviour		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Basic concepts in organisational behaviour</li> <li>• Situational influences on organisational behaviour</li> <li>• Interindividual differences in organisational behaviour</li> <li>• Current developments in organisation research</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... analyse current questions and challenges in organisational behaviour. ... assess and discuss findings and research results of specialized theories / 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. ... act responsibly considering ecological, social and ethical criteria. ... use techniques of scientific work and good scientific practice.				
<b>4</b>	<b>Teaching and Learning Methods</b> seminar				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Introduction to Economic Psychology				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Combined examination: PRES, TP				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - 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 - Supply Chain Management: Supplementary Section Supply Chain Management				
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Erik Hölzl				



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<b>10</b>	<b>Miscellaneous</b>
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<b>SpM Finance I</b>					
<b>Module Code</b> 1259MSFIN1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Capital Market Theory		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Investment decisions given uncertainty</li> <li>• Portfolio theory</li> <li>• Asset pricing models</li> <li>• Analysis and valuation of forwards, futures, and options</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences 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 - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Geographie:				

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	<p>Wahlpflichtfach Management &amp; Social Sciences Master of Science Economics: Supplementary Section Management &amp; Social Sciences Master of Science Business Administration - Finance: Specialisation Section Finance Master of Science International Management: Supplementary Section International Management Master of Science Informatik: Anwendungsfeld Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Alexander Kempf Dr. Alexander Pütz</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Finance II</b>					
<b>Module Code</b> 1259MSFIN2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Corporate Finance Theory		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Financial Planning</li> <li>• Cost of Capital</li> <li>• Firm Valuation</li> <li>• Corporate Restructuring</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences 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 - Supply Chain Management: Supplementary Section Supply Chain Management				

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	<p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Business Administration - Finance: Specialisation Section Finance</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p>
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Dieter Hess
<b>10</b>	<b>Miscellaneous</b>

<b>SpM Finance III</b>					
<b>Module Code</b> 1259MSFIN3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Insurance Economics		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Insurance demand theory</li> <li>• Production theory in insurance</li> <li>• Market balance in regard to information symmetry and asymmetry</li> <li>• Basics of sector-specific tariff calculation and reserve creation</li> <li>• Claim settlement</li> <li>• Introduction to solvency standards</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences 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				

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	<p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Business Administration - Finance: Specialisation Section Finance</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Gesundheitsökonomie: Supplementary Section Health Economics</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Heinrich R. Schradin</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Finance Advanced IV</b>					
<b>Module Code</b> 1259MSFIA4	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Value-Based Management in Insurance - Theory and Practice b) Banking c) Advanced Sustainable Finance		<b>Contact Hours</b> a) 60h b) 60h c) 60h	<b>Self-Studies</b> a) 120h b) 120h c) 120h	<b>Course Language</b> a) English b) German c) English
<b>2</b>	<b>Module Content</b> a) Value-Based Management in Insurance - Theory and Practice <ul style="list-style-type: none"> <li>• Introduction in Insurance Management</li> <li>• Insurance Risk and Production Technology</li> <li>• Risk Modelling and Risk Measurement</li> <li>• Risk Management and Shareholder Wealth</li> <li>• Risk-based Capital Allocation</li> <li>• Decision-making in a Value-Based Management Framework</li> <li>• Trends and Challenges in the Insurance Industry</li> </ul> b) Banking <ul style="list-style-type: none"> <li>• Introduction to Banking</li> <li>• Theoretical Explanations of Banks</li> <li>• Measurement of Liquidity Risks</li> <li>• Measurement and Management of Credit and Market Risk</li> <li>• Measurement and Management of Operational Risk</li> <li>• Capital Requirements</li> <li>• Bank Management and Bank Controlling</li> </ul> c) Advanced Sustainable Finance <ul style="list-style-type: none"> <li>• Introduction to Sustainable Finance</li> <li>• Introduction to R</li> <li>• Data transfer, preparation and analysis</li> <li>• Introduction and application of empirical methods in Sustainable Finance</li> <li>• Performance analyses</li> <li>• Event studies</li> <li>• Matching methods</li> <li>• Quasi-experimental approaches</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... understand advanced, specialized theories / methods in the area of Value-Based Management in Insurance. ... analyse current questions and challenges in the area of Value-Based Management in Insurance. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				



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

<b>CM Information Systems I</b>					
<b>Module Code</b> 1277MBISY1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Information Systems and Environmental Sustainability		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Forms and types of sustainability</li> <li>• Key sustainability indicators</li> <li>• Green IT</li> <li>• Green IS</li> <li>• Transformation potential of information systems for organizational sustainability</li> <li>• Sustainable development of information systems</li> <li>• Sustainable use of information systems</li> <li>• Sustainable management of information systems</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Economics:				

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	<p>Supplementary Section Management &amp; Social Sciences Master of Science International Management: Supplementary Section International Management Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie Master of Science Information Systems: Core Section Information Systems</p>
<b>9</b>	<p><b>Module Manager</b> N. N.</p>
<b>10</b>	<p><b>Miscellaneous</b> 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.</p>

<b>CM Information Systems II</b>					
<b>Module Code</b> 1277MBISY2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Analytics and Applications		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Types of decision support and business intelligence</li> <li>• Data Analysis, business analytics</li> <li>• Simulation and optimisation</li> <li>• Data warehouse and business intelligence</li> <li>• Data-/ Text-/ Web-Mining</li> <li>• Predictive modelling, machine learning</li> <li>• Clustering</li> <li>• Making sense of data</li> <li>• Evaluation of modelling results</li> <li>• Using data and methods to create value</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management				

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	<p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie</p> <p>Master of Science Information Systems: Core Section Information Systems</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Wolf Ketter</p>
<b>10</b>	<p><b>Miscellaneous</b> The lecture is an inverted classroom. Please read the syllabus before joining this class. The participation in the first lecture is strongly recommended.</p>

CM Digital Transformation					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1277MBDTF1	180h	6	English	every 2nd term - winter term	1 Term
1	<b>Courses</b> Digital Transformation and Innovation		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
2	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Select media, Information and communication Technologies, their application and limitations</li> <li>• Economic and managerial properties of digital goods and services</li> <li>• Different Areas of application of digital media, information and telecommunication Technologies, such as, cloud computing, digital business models, big data and business intelligence, (Enterprise) social media</li> <li>• Management of digital transformation and its prerequisites from an organizational perspective</li> <li>• Concepts for the analysis and innovation of business models</li> </ul>				
3	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
4	<b>Teaching and Learning Methods</b> lecture practice				
5	<b>Module Entry Requirements</b> none				
6	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
7	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
8	<b>Other Programmes that Use the Module</b> 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Economics: Supplementary Section Management & Social Sciences Master of Science International Management: Supplementary Section International Management Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:				

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	Ergänzungsbereich Wirtschaftspädagogik Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie Master of Science Information Systems: Core Section Information Systems
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Detlef Schoder
<b>10</b>	<b>Miscellaneous</b> Students will be advised of compulsory reading on a term-by-term basis.

<b>SpM Information Systems I</b>					
<b>Module Code</b> 1277MSISY1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Advanced Analytics and Applications b) Sustainable Digital Innovation Lab c) Case Project Digital Transformation		<b>Contact Hours</b> a) 30h b) 30h c) 30h	<b>Self-Studies</b> a) 150h b) 150h c) 150h	<b>Course Language</b> a) English b) English c) English
<b>2</b>	<b>Module Content</b> a) Advanced Analytics and Applications <ul style="list-style-type: none"> <li>• Business analytics applications</li> <li>• Information quality</li> <li>• Explanatory analytics</li> <li>• Predictive analytics</li> <li>• Data mining process</li> <li>• Predictive models</li> <li>• Classification methods</li> <li>• Clustering and data reduction methods</li> <li>• Gaussian Mixture models</li> <li>• Sampling methods</li> <li>• Neural networks and Deep learning</li> <li>• Time Series</li> <li>• Causal inference</li> <li>• Identification of Treatment Effects</li> <li>• Ensemble Learning</li> <li>• Introduction to Reinforcement Learning</li> <li>• Programming Language: Python</li> </ul> b) Sustainable Digital Innovation Lab <ul style="list-style-type: none"> <li>• Introduction to global sustainability challenges and digital innovation</li> <li>• Emergent digital technology stacks (hardware and software)</li> <li>• Systems development practices suitable for complex contexts and requirements</li> <li>• Development of ideas to solve the design challenge</li> <li>• Project and team management</li> <li>• Design and implementation of information systems</li> <li>• Prototyping and testing</li> </ul> c) Case Project Digital Transformation <ul style="list-style-type: none"> <li>• Digital Strategy Lab</li> <li>• Digital Strategy Ideation (Design Thinking)</li> <li>• Digital Strategy Development</li> <li>• Digital Transformation (Development of a Technical Solution / Use-Case / Prototype based on the Developed Strategy)</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... analyse current questions and challenges in the areas of: (a) Data Science and Machine Learning, (b) digital innovation, digital technologies, systems development, sustainability, (c) digital strategy and innovation. ... solve team-internal conflicts and target divergences independently. ... present scientific results in a way that is appropriate for the target audience.				



	<p>... critically evaluate current social developments and develop alternative solutions.                  ... develop work processes for real problems and challenges.</p>
<b>4</b>	<p><b>Teaching and Learning Methods</b>                  lecture                  practice</p>
<b>5</b>	<p><b>Module Entry Requirements</b>                  none</p>
<b>6</b>	<p><b>Mode of End-Of-Module Examination</b>                  Written test: PO</p>
<b>7</b>	<p><b>Prerequisites for Awarding of Credit Points</b>                  Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.</p>
<b>8</b>	<p><b>Other Programmes that Use the Module</b>                  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 Business Administration - Supply Chain Management:                      Supplementary Section Supply Chain Management                  Master of Science Business Analytics &amp; Econometrics:                      Supplementary Section Business Analytics &amp; Econometrics                  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:                      Ergänzungsbereich Wirtschaftspädagogik                  Master of Science Information Systems:                      Specialisation Section Information Systems</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Wolf Ketter</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Information Systems II</b>					
<b>Module Code</b> 1277MSISY2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Emerging Electronic Business b) Business Intelligence and Data Management c) IT Entrepreneurship d) Bayesian Data Analytics		<b>Contact Hours</b> a) 45h b) 50h c) 50h d) 45h	<b>Self-Studies</b> a) 135h b) 130h c) 130h d) 135h	<b>Course Language</b> a) English b) English c) English d) English
<b>2</b>	<p><b>Module Content</b></p> <p>a) Emerging Electronic Business</p> <ul style="list-style-type: none"> <li>• Current IT trends and the transformation of electronic business into "ambient business" in the context of networked and computerised objects and environments (Internet of Things, smart Environments)</li> <li>• Conceptual basics of relevant technologies (including sensors, RFID, telecommunication)</li> <li>• Design and applications of smart environments</li> <li>• Design of intuitive human-computer interaction (HCI)</li> <li>• Context awareness and context-based services</li> <li>• Freely offering and sharing Information as a way of adding value</li> <li>• Economic, social and ethical effects of increasingly omnipresent information technology</li> </ul> <p>b) Business Intelligence and Data Management</p> <ul style="list-style-type: none"> <li>• Reporting and Online Analytical Processing (OLAP)</li> <li>• Multidimensional Data Modelling (e.g., MetaMIS, ADAPT)</li> <li>• Design and implementation of data warehouses</li> <li>• Data warehouse schemas and architectures</li> <li>• Non-relational databases (NoSQL/NewsQL)</li> <li>• Foundations of managing and analysing large data sets (e.g., Spark, Hadoop, MapReduce)</li> <li>• Data mining and business analytics (association rules, decision trees, clustering, artificial neural networks)</li> </ul> <p>c) IT Entrepreneurship</p> <ul style="list-style-type: none"> <li>• Fundamentals of entrepreneurship</li> <li>• Forms of entrepreneurship</li> <li>• Process models of entrepreneurship</li> <li>• IT-centered start-up industries</li> <li>• Digital technologies as enablers and triggers of entrepreneurship</li> <li>• Practices for developing and presenting start-up ideas</li> </ul> <p>d) Bayesian Data Analytics</p> <ul style="list-style-type: none"> <li>• Advanced methods for data analysis of business data; alternating topics based on real research projects, e.g.: <ul style="list-style-type: none"> <li>• Ensemble methods</li> <li>• Social media and network analysis</li> <li>• Text analytics, text mining, NLP</li> <li>• Neural Nets</li> <li>• Heterogeneous Treatment Effects</li> <li>• Multi-Armed Bandits</li> </ul> </li> </ul>				
<b>3</b>	<p><b>Learning Objectives</b></p> <p>Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</p>				

	<p>... analyse current questions and challenges:                  ... a) in the area of latest technical and business-related developments in (emerging) electronic businesses.                  ... b) in data analytics, data warehousing, and data mining.                  ... c) in IT-centric entrepreneurship                  ... d) in data analysis for entrepreneurs.                  ... act responsibly considering ecological, social and ethical criteria.                  ... critically evaluate current social developments and develop alternative solutions.                  ... develop work processes for real problems and challenges.</p>
<b>4</b>	<p><b>Teaching and Learning Methods</b>                  lecture                  practice</p>
<b>5</b>	<p><b>Module Entry Requirements</b>                  none</p>
<b>6</b>	<p><b>Mode of End-Of-Module Examination</b>                  Written test: PO</p>
<b>7</b>	<p><b>Prerequisites for Awarding of Credit Points</b>                  Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.</p>
<b>8</b>	<p><b>Other Programmes that Use the Module</b>                  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 Business Administration - Supply Chain Management:                      Supplementary Section Supply Chain Management                  Master of Science Business Analytics &amp; Econometrics:                      Supplementary Section Business Analytics &amp; Econometrics                  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:                      Ergänzungsbereich Wirtschaftspädagogik                  Master of Science Information Systems:                      Specialisation Section Information Systems</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Christoph Rosenkranz</p>
<b>10</b>	<p><b>Miscellaneous</b>                  a) Lecture is held in a project-based style. Students develop application scenarios and/ or prototypes for emerging electronic business, implement them, and present them in class. b) The course will employ a project-based format. c) Required readings are announced at the beginning of the semester.</p>

<b>SpM Information Systems III</b>					
<b>Module Code</b> 1277MSISY3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Machine Learning and Artificial Intelligence b) Artificial Intelligence and Information Management c) Applied Mathematical Optimization d) Decision Making under Uncertainty		<b>Contact Hours</b> a) 60h b) 50h c) 50h d) 30h	<b>Self-Studies</b> a) 120h b) 130h c) 130h d) 150h	<b>Course Language</b> a) English b) English c) English d) English
<b>2</b>	<b>Module Content</b> a) Artificial Intelligence and Information Management <ul style="list-style-type: none"> <li>• Concepts, frameworks, and development of Information Management</li> <li>• Management of external information sources and demand</li> <li>• IT in companies - role and contribution to value generation</li> <li>• IT Governance</li> <li>• IT Strategy and Strategic Alignment</li> <li>• IT Processes</li> <li>• IT Controlling</li> <li>• IT Sourcing</li> <li>• Knowledge Management</li> <li>• Role of the CIO</li> <li>• New trends</li> </ul> b) Applied Mathematical Optimization <ul style="list-style-type: none"> <li>• Fundamentals of Sustainable Information Systems</li> <li>• Domain Knowledge in Energy and Mobility in conjunction with sustainability</li> <li>• Data Science and Machine Learning Methods</li> <li>• Introduction to wicked problems and how to tackle them with Data Science</li> <li>• Simulation and experimentation techniques</li> <li>• Cutting-Edge IS use cases from practice and leading research</li> </ul> c) Machine Learning and Artificial Intelligence <ul style="list-style-type: none"> <li>• Basics of the methods of Machine Learning and Artificial Intelligence (AI)</li> <li>• Basics of both supervised and unsupervised methods (e.g. decision trees, random forests, boosting, support vector machines, neural networks, deep and opponent learning, ensemble learning, principal component analysis, factor analysis and diverse learning or multidimensional scaling)</li> <li>• Translation of business problems into machine learning use cases; feasibility and impact</li> <li>• Responsible implementation of machine learning projects in compliance with ethical standards</li> </ul> d) Decision Making under Uncertainty <ul style="list-style-type: none"> <li>• Probabilistics</li> <li>• Bayesian Networks</li> <li>• (Hidden) Markov Decision Process</li> <li>• Dynamic Programming</li> <li>• Forecasting and Time-Series Prognose und Zeitreihenanalyse</li> <li>• Agent-based Decision and Reinforcement Learning</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... communicate continuously and purposefully in diverse teams.				

	<p>... 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.                  ... develop work processes for real problems and challenges.</p>
<b>4</b>	<p><b>Teaching and Learning Methods</b>                  lecture                  practice</p>
<b>5</b>	<p><b>Module Entry Requirements</b>                  none</p>
<b>6</b>	<p><b>Mode of End-Of-Module Examination</b>                  Written test: PO</p>
<b>7</b>	<p><b>Prerequisites for Awarding of Credit Points</b>                  Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.</p>
<b>8</b>	<p><b>Other Programmes that Use the Module</b>                  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 Business Administration - Supply Chain Management:                      Supplementary Section Supply Chain Management                  Master of Science Business Analytics &amp; Econometrics:                      Supplementary Section Business Analytics &amp; Econometrics                  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:                      Ergänzungsbereich Wirtschaftspädagogik                  Master of Science Information Systems:                      Specialisation Section Information Systems</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Wolf Ketter</p>
<b>10</b>	<p><b>Miscellaneous</b>                  b) Required readings are announced at the beginning of the semester.</p>

<b>CM Supply Chain Analytics I</b>					
<b>Module Code</b> 1271MBSCA1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Predictive Analytics		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Introduction Data Analysis/Data Science</li> <li>• Introduction Programming with Python</li> <li>• Methods of Demand Forecasting</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</li> <li>... understand advanced, specialized theories / methods in the area of data science.</li> <li>... collect and analyse data material for selected scientific questions using quantitative / qualitative methods.</li> <li>... communicate continuously and purposefully in diverse teams.</li> <li>... solve team-internal conflicts and target divergences independently.</li> <li>... justify and defend (independently developed) positions or problem solutions.</li> <li>... present scientific results in a way that is appropriate for the target audience.</li> <li>... develop work processes for real problems and challenges.</li> <li>... use techniques of scientific work and good scientific practice.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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:				

**BUSINESS ADMINISTRATION: CORPORATE DEVELOPMENT - MASTER OF SCIENCE**

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	<p>Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p> <p>Master of Science Business Administration - Supply Chain Management: Core Section Supply Chain Management</p>
<b>9</b>	<p><b>Module Manager</b> Prof. Dr. Nicolas Fugger Area Supply Chain Management</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>CM Supply Chain Analytics II</b>					
<b>Module Code</b> 1271MBSCA2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Prescriptive Analytics		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Introduction Analytical Modelling</li> <li>• Introduction Optimisation</li> <li>• Solving Optimisation Case Studies in Python</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... understand advanced, specialized theories / methods in the area of data science / optimisation. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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:				



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	<p>Supplementary Section Information Systems  Master of Science Business Administration - Corporate Development:  Supplementary Section Corporate Development  Master of Science Geographie:  Wahlpflichtfach Management &amp; Social Sciences  Master of Science Economics:  Supplementary Section Management &amp; Social Sciences  Master of Science Informatik:  Anwendungsfeld  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:  Ergänzungsbereich Wirtschaftspädagogik  Master of Arts Regionalstudien China - Betriebswirtschaftslehre:  Ergänzungsbereich Business Administration  Master of Science Business Administration - Supply Chain Management:  Core Section Supply Chain Management</p>
<b>9</b>	<p><b>Module Manager</b>  Prof. Dr. Andreas Fügener  Area Supply Chain Management</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Supply Chain Operations</b>					
<b>Module Code</b> 1271MSSOP1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Supply Chain Operations		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Inventory Management</li> <li>• Contract Design</li> <li>• Capacity and Revenue Management</li> <li>• Supply Chain Management</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</li> <li>... understand advanced, specialized theories / methods to control supply chains.</li> <li>... analyse current questions and challenges in supply chain management.</li> <li>... communicate continuously and purposefully in diverse teams.</li> <li>... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists.</li> <li>... present scientific results in a way that is appropriate for the target audience.</li> <li>... act responsibly considering ecological, social and ethical criteria.</li> <li>... use techniques of scientific work and good scientific practice.</li> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: The CM Supply Chain Analytics I should have been completed.				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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:				

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	<p>Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p> <p>Master of Science Business Administration - Supply Chain Management: Specialisation Section Supply Chain Management</p>
9	<p><b>Module Manager</b></p> <p>Area Supply Chain Management</p> <p>Univ.-Prof. Dr. Ulrich W. Thonemann</p>
10	<p><b>Miscellaneous</b></p>

<b>SpM Supply Chain Strategy</b>					
<b>Module Code</b> 1271MSSSY1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Supply Chain Strategy		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Strategy Formation</li> <li>• Product development</li> <li>• Process Design</li> <li>• Process Simulation</li> <li>• Applications</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... understand advanced, specialized theories / methods for formulation and implementation of strategies in the context of supply chain and operations management. ... analyse current questions and challenges in supply chains. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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				

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	<p>Master of Science Information Systems:                  Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development:                  Supplementary Section Corporate Development</p> <p>Master of Science Geographie:                  Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics:                  Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Informatik:                  Anwendungsfeld</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:                  Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre:                  Ergänzungsbereich Business Administration</p> <p>Master of Science Business Administration - Supply Chain Management:                  Specialisation Section Supply Chain Management</p>
<b>9</b>	<p><b>Module Manager</b>                  Univ.-Prof. Dr. Fabian Sting                  Area Supply Chain Management</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Supply Chain Planning</b>					
<b>Module Code</b> 1271MSSPL1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> German and English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Project Management b) Production Management		<b>Contact Hours</b> a) 45h b) 45h	<b>Self-Studies</b> a) 135h b) 135h	<b>Course Language</b> a) English b) German
<b>2</b>	<b>Module Content</b> 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 • Lotsizing and Scheduling • Inventory Management				
<b>3</b>	<b>Learning Objectives</b> 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 Planning. ... analyse current questions and challenges in Supply Chain Planning. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: The CM Supply Chain Analytics I and II should have been completed.				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				

7	<p><b>Prerequisites for Awarding of Credit Points</b>                  Passing the written examination of one course. A course is to be attended; the written examination relates to the content of one course.</p>
8	<p><b>Other Programmes that Use the Module</b>                  Master of Science Mathematik:                      Economics Sciences                  Master of Science Wirtschaftsmathematik:                      Economics 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 Economics:                      Supplementary Section Management &amp; Social Sciences                  Master of Science International Management:                      Supplementary Section International Management                  Master of Science Informatik:                      Anwendungsfeld                  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:                      Ergänzungsbereich Wirtschaftspädagogik                  Master of Science Business Administration - Supply Chain Management:                      Specialisation Section Supply Chain Management</p>
9	<p><b>Module Manager</b>                  Area Supply Chain Management</p>
10	<p><b>Miscellaneous</b></p>

<b>SpM Selected Issues in Behavioural Supply Chain Management</b>					
<b>Module Code</b> 1271MSIBS1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Behavioural Supply Chain Management		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Behavioural Decision Making</li> <li>• Behavioural Management</li> <li>• Decision Heuristics</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: The basic modules Supply Chain Analytics I and II should have been completed.				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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:				



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	<p>Supplementary Section Information Systems Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Economics: Supplementary Section Management &amp; Social Sciences Master of Science International Management: Supplementary Section International Management Master of Science Informatik: Anwendungsfeld Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik Master of Science Business Administration - Supply Chain Management: Specialisation Section Supply Chain Management</p>
<b>9</b>	<p><b>Module Manager</b> Prof. Dr. Nicolas Fugger Area Supply Chain Management</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>SpM Brand Management</b>					
<b>Module Code</b> 1266MSBMG1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> a) Brand Management b) Digital Brand and Customer Analytics		<b>Contact Hours</b> a) 45h b) 45h	<b>Self-Studies</b> a) 135h b) 135h	<b>Course Language</b> a) English b) English
<b>2</b>	<b>Module Content</b> 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>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Basic knowledge of marketing and multivariate methods (e.g., regression analysis, analysis of variance)				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Corporate Development:				

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	<p>Supplementary Section Corporate Development  Master of Science Business Administration - Supply Chain Management:  Supplementary Section Supply Chain Management  Master of Science Geographie:  Wahlpflichtfach Management &amp; Social Sciences  Master of Science Economics:  Supplementary Section Management &amp; Social Sciences  Master of Science International Management:  Supplementary Section International Management  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 Science Business Administration - Marketing:  Specialisation Section Marketing  Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs:  Ergänzungsbereich Wirtschaftspädagogik  Master of Arts Medienwissenschaft:  Ergänzungsbereich Medienmanagement und Medienökonomie  Master of Arts Regionalstudien China - Betriebswirtschaftslehre:  Ergänzungsbereich Business Administration</p>
<b>9</b>	<p><b>Module Manager</b>  Univ.-Prof. Dr.' Franziska Völckner</p>
<b>10</b>	<p><b>Miscellaneous</b>  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.</p>

<b>SpM Customer Management</b>					
<b>Module Code</b> 1266MSCMG1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Customer Management		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> 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 the literature in addition to attending lectures and participating in exercises. Furthermore, they are expected to organize their learning processes independently.				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: Basic knowledge in marketing				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Supply Chain Management:				

	<p>Supplementary Section Supply Chain Management</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Business Administration - Marketing: Specialisation Section Marketing</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Werner Reinartz</p>
<b>10</b>	<p><b>Miscellaneous</b> 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.</p>

<b>SpM Marketing Performance Management</b>					
<b>Module Code</b> 1266MSMPF1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Marketing Performance Management		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> The module deals with central questions of marketing performance management and includes conceptual and applied elements, including presentations by guest speakers and discussions from the world of marketing. Students are required to organise their own learning and working processes independently and self-responsibly in addition to attending lectures and participating in exercises. In addition, it is expected that students read the related literature.				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... analyse current questions and challenges that arise when quantifying and evaluating marketing activities in financial terms. ... assess and discuss findings and research results of specialised marketing theories, concepts, and methods in the domain of marketing performance management. ... act responsibly considering ecological, social and ethical criteria.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: basic knowledge of marketing and multivariate methods				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics 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 Information Systems: Supplementary Section Information Systems Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development Master of Science Business Administration - Supply Chain Management:				

	<p>Supplementary Section Supply Chain Management</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Business Analytics &amp; Econometrics: Supplementary Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Business Administration - Marketing: Specialisation Section Marketing</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Marc Fischer</p>
<b>10</b>	<p><b>Miscellaneous</b> 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.</p>

<b>SpM Digital Strategy and Marketing</b>					
<b>Module Code</b> 1266MSDSM1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - summer term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Digital Strategy and Marketing		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> The emergence of the internet, mobile devices, the ability to automate tasks and the abundance of data is dramatically changing society and businesses. This module exposes students to a wide range of issues and questions related to this "digital" transformation. The module consists of both conceptual as well as applied tools and frameworks to understand business models and the organization of industries. The module aims at covering both the supply side (infrastructure, operations, etc.) as well as the demand side (customer, marketing, etc.). Students are expected to share their own knowledge and to use ongoing events (e.g., new companies, current news, IPOs, etc.) to apply the concepts they learn.				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> Recommendation: basic knowledge of marketing and economics				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (60)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Mathematik: Economics Sciences Master of Science Wirtschaftsmathematik: Economics Sciences Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation Master of Science Business Administration - Finance:				



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	<p>Supplementary Section Finance</p> <p>Master of Science Information Systems: Supplementary Section Information Systems</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Geographie: Wahlpflichtfach Management &amp; Social Sciences</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Science Informatik: Anwendungsfeld</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Business Administration - Marketing: Specialisation Section Marketing</p> <p>Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Ergänzungsbereich Wirtschaftspädagogik</p> <p>Master of Arts Medienwissenschaft: Ergänzungsbereich Medienmanagement und Medienökonomie</p> <p>Master of Arts Regionalstudien China - Betriebswirtschaftslehre: Ergänzungsbereich Business Administration</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Hernán Bruno</p>
<b>10</b>	<p><b>Miscellaneous</b> 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.</p>

<b>CM Data Analytics I</b>					
<b>Module Code</b> 1314MBSTC1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Statistics for Data Analytics		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Probability theory: Probability distributions, (conditional) density functions</li> <li>• Linear (multiple) regression, conditional expectation function</li> <li>• Assumptions, model selection, hypotheses test</li> <li>• Maximum Likelihood</li> <li>• Time Series</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management Master of Science Economics:				

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	<p>Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science Business Analytics &amp; Econometrics: Core Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Jun. Prof. Dr. Sven Otto</p>
<b>10</b>	<p><b>Miscellaneous</b> Literature: Wooldridge, "Introductory Econometrics" (chapter 1-9)</p>

<b>CM Data Analytics II</b>					
<b>Module Code</b> 1277MBPDA1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Programming for Data Analytics		<b>Contact Hours</b> 30h	<b>Self-Studies</b> 150h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Introduction to the statistical software R, including statistical modelling in R</li> <li>• Use of R for data analysis and presentation</li> <li>• Introduction to programming in R and the design of user-defined statistical diagrams</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... <ul style="list-style-type: none"> <li>... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</li> <li>... understand advanced, specialized theories / methods in the field of programming and data analytics.</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> </ul>				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination.				
<b>8</b>	<b>Other Programmes that Use the Module</b> <ul style="list-style-type: none"> <li>Master of Science Business Administration - Accounting and Taxation:                             <ul style="list-style-type: none"> <li>Supplementary Section Accounting and Taxation</li> </ul> </li> <li>Master of Science Business Administration - Finance:                             <ul style="list-style-type: none"> <li>Supplementary Section Finance</li> </ul> </li> <li>Master of Science Business Administration - Marketing:                             <ul style="list-style-type: none"> <li>Supplementary Section Marketing</li> </ul> </li> <li>Master of Science Information Systems:                             <ul style="list-style-type: none"> <li>Supplementary Section Information Systems</li> </ul> </li> <li>Master of Science Business Administration - Corporate Development:                             <ul style="list-style-type: none"> <li>Supplementary Section Corporate Development</li> </ul> </li> <li>Master of Science Business Administration - Supply Chain Management:                             <ul style="list-style-type: none"> <li>Supplementary Section Supply Chain Management</li> </ul> </li> <li>Master of Science Economics:                             <ul style="list-style-type: none"> <li>Supplementary Section Management &amp; Social Sciences</li> </ul> </li> <li>Master of Science Economic Research:</li> </ul>				

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	<p>Supplementary Section Economic Research</p> <p>Master of Science Business Analytics &amp; Econometrics: Core Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<b>Module Manager</b> Univ.-Prof. Dr. Markus Weinmann
<b>10</b>	<b>Miscellaneous</b> Literature: Wickham, "R for Data Science"

<b>CM Data Analytics III</b>					
<b>Module Code</b> 1277MBMLA1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Machine Learning and Artificial Intelligence		<b>Contact Hours</b> 60h	<b>Self-Studies</b> 120h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Basics of the methods of Machine Learning and Artificial Intelligence (AI)</li> <li>• Basics of both supervised and unsupervised methods (e.g. decision trees, random forests, boosting, support vector machines, neural networks, deep and opponent learning, ensemble learning, principal component analysis, factor analysis and diverse learning or multidimensional scaling)</li> <li>• Translation of business problems into machine learning use cases; feasibility and impact</li> <li>• Responsible implementation of machine learning projects in compliance with ethical standards</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination.				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management				

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	<p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science Business Analytics &amp; Econometrics: Core Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Markus Weinmann</p>
<b>10</b>	<p><b>Miscellaneous</b> Literature: James, Witten, Hastie, Tibshirani, "Introduction to statistical learning"</p>

<b>CM Data Analytics IV</b>					
<b>Module Code</b> 1314MBAST1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Advanced Statistics for Data Analysis		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Potential Outcomes and Treatment Effects</li> <li>• Randomized Experiments</li> <li>• Matching Estimators</li> <li>• Regression Discontinuity</li> <li>• Instrumental Variables</li> <li>• Difference-in-Differences Estimation</li> </ul>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... understand advanced, specialized theories / methods in the field of advanced statistics. ... analyse current questions and challenges in the field of advanced 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: PO				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination.				
<b>8</b>	<b>Other Programmes that Use the Module</b> 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 Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management				



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	<p>Master of Science Economics:                  Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Economic Research:                  Supplementary Section Economic Research</p> <p>Master of Science Business Analytics &amp; Econometrics:                  Core Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management:                  Supplementary Section International Management</p> <p>Master of Arts Politikwissenschaft:                  Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology:                  Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research:                  Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research:                  Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b>                  Prof. Dr. Tom Zimmermann</p>
<b>10</b>	<p><b>Miscellaneous</b>                  Literature: Angrist and Pischke, "Mostly Harmless Econometrics"</p>

<b>CM Data Analytics V</b>					
<b>Module Code</b> 1277MBDMA1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> English	<b>Module Availability</b> every 2nd term - winter term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b> Data Management and Data Visualization		<b>Contact Hours</b> 45h	<b>Self-Studies</b> 135h	<b>Course Language</b> English
<b>2</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• 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>				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> lecture practice				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test: WT (90)				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination.				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - 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				

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	<p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p> <p>Master of Science Economics: Supplementary Section Management &amp; Social Sciences</p> <p>Master of Science Economic Research: Supplementary Section Economic Research</p> <p>Master of Science Business Analytics &amp; Econometrics: Core Section Business Analytics &amp; Econometrics</p> <p>Master of Science International Management: Supplementary Section International Management</p> <p>Master of Arts Politikwissenschaft: Supplementary Section Political Science</p> <p>Master of Science Sociology: Social and Economic Psychology: Supplementary Section Sociology: Social and Economic Psychology</p> <p>Master of Science Sociology: Social Research: Supplementary Section Sociology and Social Research</p> <p>Master of Science Economic Research: Specialisation Section Economic Research</p>
<b>9</b>	<p><b>Module Manager</b> Univ.-Prof. Dr. Markus Weinmann</p>
<b>10</b>	<p><b>Miscellaneous</b></p>

<b>Studies Abroad I (Business Administration)</b>					
<b>Module Code</b> 1014MStAb1	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> selected language	<b>Module Availability</b> every term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b> Topics from the subjects: Business Administration or Economics.				
<b>3</b>	<p><b>Learning Objectives</b> Students...</p> <p>... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</p> <p>... The students...</p> <p>... 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.</p> <p>...</p> <p>... 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 one of the Studies Abroad modules.</p>				
<b>4</b>	<b>Teaching and Learning Methods</b> depending on course choice				
<b>5</b>	<b>Module Entry Requirements</b> none				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> depending on course selection				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> depends on course selection				
<b>8</b>	<p><b>Other Programmes that Use the Module</b></p> <p>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p>				

9	<b>Module Manager</b> Programmdirektor:in
10	<b>Miscellaneous</b> 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: <a href="https://www.anrechnungwiso.uni-koeln.de/">https://www.anrechnungwiso.uni-koeln.de/</a> ). This module can also be used for crediting Summer Schools 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.

<b>Studies Abroad II (Business Administration)</b>					
<b>Module Code</b> 1014MStAb2	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> selected language	<b>Module Availability</b> every term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b> Topics from the subjects: Business Administration or Economics.				
<b>3</b>	<p><b>Learning Objectives</b> Students...</p> <p>... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</p> <p>... The students...</p> <p>... 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.</p> <p>...</p> <p>... 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 one of the Studies Abroad modules.</p>				
<b>4</b>	<b>Teaching and Learning Methods</b>				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> depending on course selection				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> depends on course selection				
<b>8</b>	<p><b>Other Programmes that Use the Module</b></p> <p>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p>				

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9	<b>Module Manager</b> Programmdirektor:in
10	<b>Miscellaneous</b> 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: <a href="https://www.anrechnungswiso.uni-koeln.de/">https://www.anrechnungswiso.uni-koeln.de/</a> ). This module can also be used for crediting Summer Schools 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.

<b>Studies Abroad III (Business Administration)</b>					
<b>Module Code</b> 1014MStAb3	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> selected language	<b>Module Availability</b> every term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b> Topics from the subjects: Business Administration or Economics.				
<b>3</b>	<p><b>Learning Objectives</b> Students...</p> <p>... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</p> <p>... The students...</p> <p>... 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.</p> <p>...</p> <p>... 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 one of the Studies Abroad modules.</p>				
<b>4</b>	<b>Teaching and Learning Methods</b>				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> depending on course selection				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> depends on course selection				
<b>8</b>	<p><b>Other Programmes that Use the Module</b></p> <p>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p>				



9	<b>Module Manager</b> Programmdirektor:in
10	<b>Miscellaneous</b> 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: <a href="https://www.anrechnungwiso.uni-koeln.de/">https://www.anrechnungwiso.uni-koeln.de/</a> ). This module can also be used for crediting Summer Schools 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.

<b>Studies Abroad IV (Business Administration)</b>					
<b>Module Code</b> 1014MStAb4	<b>Workload</b> 180h	<b>ECTS Credits</b> 6	<b>Module Language</b> selected language	<b>Module Availability</b> every term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b> Topics from the subjects: Business Administration or Economics.				
<b>3</b>	<p><b>Learning Objectives</b></p> <p>Students...</p> <p>... know and understand the relevant methods and theories for the points mentioned above under „Module content“.</p> <p>... The students...</p> <p>... 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.</p> <p>...</p> <p>... 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 one of the Studies Abroad modules.</p>				
<b>4</b>	<b>Teaching and Learning Methods</b>				
<b>5</b>	<b>Module Entry Requirements</b> None				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> depending on course selection				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> depends on course selection				
<b>8</b>	<p><b>Other Programmes that Use the Module</b></p> <p>Master of Science Business Administration - Accounting and Taxation: Supplementary Section Accounting and Taxation</p> <p>Master of Science Business Administration - Finance: Supplementary Section Finance</p> <p>Master of Science Business Administration - Marketing: Supplementary Section Marketing</p> <p>Master of Science Business Administration - Corporate Development: Supplementary Section Corporate Development</p> <p>Master of Science Business Administration - Supply Chain Management: Supplementary Section Supply Chain Management</p>				

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9	<b>Module Manager</b> Programmdirektor:in
10	<b>Miscellaneous</b> 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: <a href="https://www.anrechnungwiso.uni-koeln.de/">https://www.anrechnungwiso.uni-koeln.de/</a> ). This module can also be used for crediting Summer Schools 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 Corporate Development**

<b>Master's Thesis Corporate Development</b>					
<b>Module Code</b> 1015MMCDE1	<b>Workload</b> 900h	<b>ECTS Credits</b> 30	<b>Module Language</b> German and English	<b>Module Availability</b> every term	<b>Duration</b> 1 Term
<b>1</b>	<b>Courses</b>		<b>Contact Hours</b>	<b>Self-Studies</b>	<b>Course Language</b>
<b>2</b>	<b>Module Content</b> The topic of the master's thesis on the Business Administration programme must come from the specialisation section or from the subject group taken by the candidate in the supplementary section. If the topic relates to the supplementary section, the candidate must already have accumulated 18 ECTS credits in said supplementary section.				
<b>3</b>	<b>Learning Objectives</b> Students... ... know and understand the relevant methods and theories for the points mentioned above under „Module content“. ... 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.				
<b>4</b>	<b>Teaching and Learning Methods</b> Master's Thesis				
<b>5</b>	<b>Module Entry Requirements</b> 60 ECTS credits obtained				
<b>6</b>	<b>Mode of End-Of-Module Examination</b> Written test 6 months				
<b>7</b>	<b>Prerequisites for Awarding of Credit Points</b> Passing the module examination				
<b>8</b>	<b>Other Programmes that Use the Module</b> Master of Science Business Administration - Corporate Development: Master Thesis in Corporate Development				
<b>9</b>	<b>Module Manager</b> Area Corporate Development				

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<b>10</b>	<b>Miscellaneous</b> The master's thesis may be written in German or English.
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