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Please keep in mind the year of validity.

FACULTY OF MANAGEMENT,
ECONOMICS AND SOCIAL SCI-
ENCES

UNIVERSITY OF COLOGNE

VICE DEAN OF STUDIES
DEPARTMENT

Valid for students of the
Examination Regulations
2015

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



MODULE CATALOGUE

HEALTH ECONOMICS

MASTER OF SCIENCE

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

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List of abbreviations

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

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1 Health Economics

1.1 Content and objectives of the programme

The Master in Health Economics programme – run jointly by Cologne University’s Faculty of Management, Economics and Social Sciences and Faculty of Medicine – equips students for a career in public or private health care institutions. Health economics specialists work in microeconomic management, administration, associations and health care governance institutions. The aim is for students to develop an interdisciplinary understanding of the field, based on the stakeholder groups relevant to health care (managers, policymakers, physicians, etc.). The programme therefore consists of three levels, as follows:

1. Corporate level (business administration perspective)
2. System level (economic and sociopolitical perspective)
3. Patient level (medical perspective).

Working on this basis, the students learn how to use economic tools to support (e.g. by obtaining and processing information or by means of impact studies), shape (e.g. by devising and presenting alternatives) or implement (e.g. by means of project management) decision-making processes. Graduates from this master programme have the necessary competence to reflect on questions and problems, guided by theory, and to strategically develop and implement well-founded, individual and collective approaches. They thus have the skill set required to take on high-level posts in any health care institution. Other employment opportunities offered by this interdisciplinary programme include academic teaching and research on health economics and health policy.

1.2 Requirements

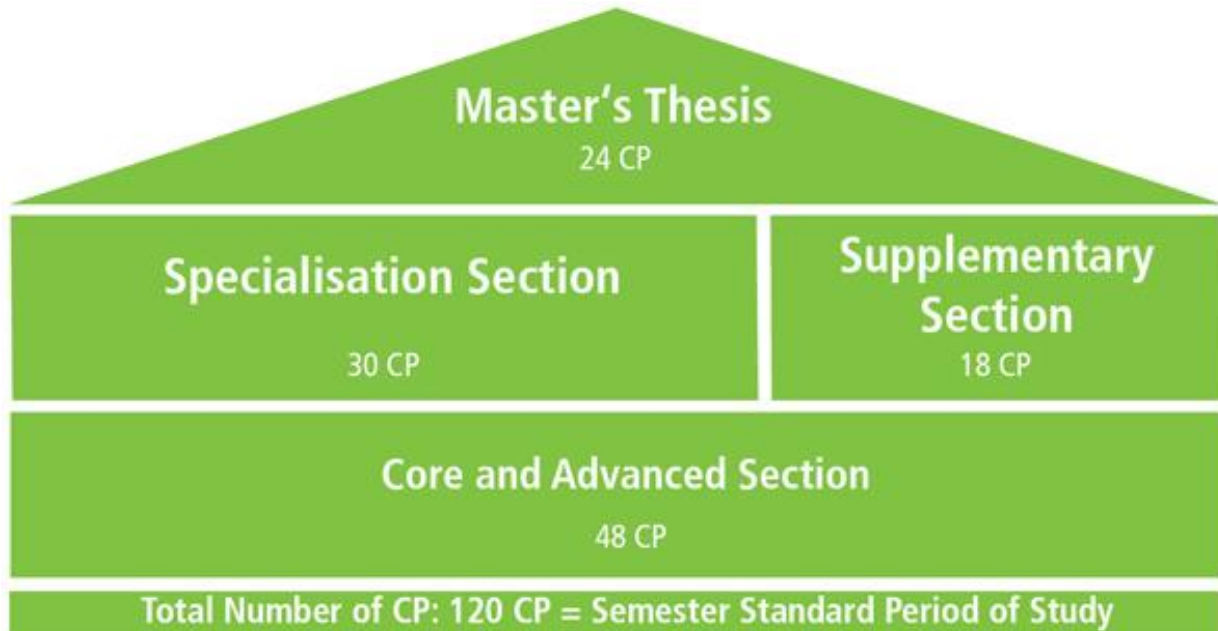
To be accepted on the programme, students must hold a bachelor degree in a relevant area and meet the requirements set out in the “Regulations concerning determination of aptitude” (Ordnung zur Feststellung der besonderen Eignung).

1.3 Programme structure

The Master in Health Economics programme carries 120 ECTS credits and the standard period of study is four terms. It is comprised of the following four categories:

The core and advanced section (48 ECTS credits) consists of modules on business administration, economics and methods. All of the modules in this section are compulsory. The specialisation section (30 ECTS credits) is made up of additional modules on health econom-

ics and medicine, plus seminars. Whilst the seminars are compulsory elective modules, students are free to choose their options from among the other modules. The supplementary section (18 ECTS credits) is comprised of further modules in the areas of medicine, economics/sociology and business administration. These are all elective modules. The fourth section is the master thesis, worth 24 ECTS credits.



A part of the credit points can be achieved abroad at one of the foreign partner universities. For students of the master programme the third semester is recommended (see sample study plan). The application must be provided approx. one year in advance. Further information can be found on the [faculty's website](#).

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 course on 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 are going abroad as a freemover (i.e. as a student who organises his or her stay abroad individually) or participating in short courses or summer schools offered under separate terms and conditions.

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

The Faculty’s Study Abroad Programme (STAP):

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

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



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

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

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



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

Credit transfer options from studies abroad:

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

1.5 Sample study plan

M.Sc. Health Economics				
Se m.	EC/ CC	Module	Section	ECT S
1	CC	CM Health Economics I	Core section	6
1	CC	CM Health Care Systems	Core section	6
1	CC	CM Health Economics II	Core section	6
1	CC	CM Health Economics III	Core section	6
1	CC	SpM Health Care Systems II	Core section	6
				30
2	CC	CM Health Care Management	Core section	6
2	CC	CM Health Economics IV	Core section	6
2	CC	CM Health Economics V	Core section	6
2	EC	Specialisation module I	Specialisation section	6
2	EC	Specialisation module II	Specialisation section	6
				30
3	EC	Specialisation module III	Specialisation section	6
3	EC	Specialisation module IV	Specialisation section	6
3	EC	Specialisation module V	Specialisation section	6
3	EC	Supplementary module I	Supplementary section	6
3	EC	Supplementary module II	Supplementary section	6
				30
4	EC	Supplementary module III	Supplementary section	6
4	CC	Master's thesis Health Economics	Master's thesis	24
				30

1.6 Modules with mid-term examinations

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

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

2 Support for students

2.1 Calculation of the overall mark

The marks for the individual examination elements are awarded by the respective examiner. The overall mark for the master's examination is calculated from the marks for the subject categories, weighted according to the relation of their credit points to the total credit points possible for the degree. The marks of the subject categories are calculated as the arithmetic mean of the individual marks for examination elements, weighted according to the relation of their credit points to the total volume of credit points of the examination elements of the respective subject area. In the case of end-of-module examinations consisting of several components, the mark for the module is calculated as specified in the annex.

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

- a) Mark for core and advanced section: 48 of 120 ECTS credits
- b) Mark for specialisation section: 13 of 120 ECTS credits
- c) Mark for supplementary section: 18 of 120 ECTS credits
- d) Mark for master's thesis: 24 of 120 ECTS credits

2.2 Rules for failed attempts

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

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

components. All components marked “mangelhaft (5,0)” or “nicht bestanden” (fail) must be retaken.

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

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

2.3 Subject-specific 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 other questions and problems related to their studies. It can be contacted by phone, in person and, of course, e-mail. Please notice the opening hours and contact data on the website.

Subject-specific advice is provided during the designated times by the University’s faculty members and associated teaching staff (“akademische Mitarbeiter/innen”) involved in the teaching on the programme. The designated times are announced by means of notices in the institutes and on the departments’/institutes’ websites.

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

2.4 Other sources of information and advice

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

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

The Faculty's **Credit Transfer Centre** (**Zentrum für die Anrechnung auswärtiger Leistungen**) is responsible for recognising credits accumulated in other institutions. This applies both to credits students have gained at other higher education institutions in Germany or abroad prior to studying at the WiSo Faculty, and to (advance) transfer of credits that students plan to accumulate abroad or have already accumulated abroad as part of a WiSo Faculty programme. This system 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, for students from the WiSo Faculty looking for an internship or profession that is right for them. It also helps them as they plan their career and apply for jobs. In addition, the WiSo Career Service organises seminars, presentations and special events in cooperation with employers and external and internal experts. All 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, it also provides advice on writing and learning skills plus support for pregnant students and students who have children.

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

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

3 Curriculum and module descriptions

3.1 Core and advanced section

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

Group	Module	CP	CC/EC	Required
Core- and advanced section Health Economics	CM Health Care Management ¹	6	CC	48
	CM Health Economics I ²	6	CC	
	CM Health Economics II ³	6	CC	
	CM Health Economics III ⁴	6	CC	
	CM Health Economics IV ⁵	6	CC	
	CM Health Economics V ⁶	6	CC	
	CM Health Care Systems ⁷	6	CC	
	SpM Health Care Systems II ⁸	6	CC	

¹ No examination registration possible if the core module Health Care Management (1282BHCma0) has already been passed.

² No examination registration possible if the core module Patient Safety and Risk Management (1282BPsRm0) has already been passed.

³ No examination registration possible if the core module Ethics of Health Care (1282BEdGw0) has already been passed.

⁴ No examination registration possible if the core module Information Problems in Health Markets (1282BlpGm0) has already been passed.

⁵ No examination registration possible if the core module Health Economic Aspects of Chronic Care (1282BMHC00) has already been passed.

⁶ No examination registration possible if the core module Methodology of Clinical Studies (1282BMekS0) has already been passed.

⁷ No examination registration possible if the core module Comparison of Health Care Systems (1282BCHCS0) has already been passed.

⁸ No examination registration possible if the core module Trans- and international perspective (1282BTInP0) has already been passed.

3.2 Specialisation section

In accordance with section 29(1), No. 2 of the Examination Regulations, the examination candidate must obtain 30 ECTS credits in the specialisation section.

Group	Module	CP	CC/EC	Required
Seminars	SpM Health Care Management I	6	EC	6 - 12
	SpM Health Care Management II	6	EC	
	SpM Health Economics IV	6	EC	
Health Economics	SpM Health Economics I	6	EC	6 - 18
	SpM Health Economics II	6	EC	
	SpM Health Economics III	6	EC	
	SpM Health Care Management III	6	EC	
	Studies Abroad I (Master)	6	EC	
	Studies Abroad II (Master)	6	EC	
Medicine	Specialisation module Psychosomatics and Psychotherapy	6	EC	Max. 18
	Specialisation module Naturopathy and Homeopathy	6	EC	
	Specialisation module Clinical Environmental Medicine	6	EC	
	Specialisation module Prevention and Health Promotion	6	EC	
	Specialisation module Medical Sociology	6	EC	
	SpM Health Economics V	6	EC	

3.3 Supplementary section

In accordance with section 29(1), No. 3 of the Examination Regulations, the examination candidate must obtain 18 ECTS credits in a sub-group of the supplementary section.

Group	Module	CP	CC/EC	Required
Medicine	Supplementary module Occupational Medicine, Social Medicine	6	EC	Max. 12
	Supplementary module Legal Medicine	6	EC	
Economics / Sociology	Supplementary module Health and Macroeconomics	6	EC	Min. 6
	Supplementary module Sociology of Health	6	EC	
Business Administration I	SpM Business Ethics	6	EC	Max. 6
	SpM Strategic Human Resource Management	6	EC	
	SpM Advanced Accounting	6	EC	
Business Administration II	Specialisation module Financial Institutions Management	12	EC	Max. 12
	SpM Marketing in Specific Contexts III	6	EC	
	SpM Strategic Management	6	EC	
	SpM Controlling I	6	EC	
	SpM Controlling II	6	EC	
	Supplementary module Studies Abroad in Management I (Master)	6	EC	
	Supplementary module Studies Abroad in Management II (Master)	6	EC	

3.4 Extracurricular course programme

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

3.5 Master's thesis

The master's thesis, 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, using the necessary methods and within a specified period.

The topic of the master's thesis on the Health Economics programme must come from the core and advanced section or the specialisation 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's theses can be found in the Examination Regulations.

3.6 Module description

3.6.1 Core and Advanced Section Health Economics

CM Health Care Management					
Module Code 1282MBHCM1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Advanced Health Care Management		Contact Hours 60h	Self-Studies 120h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Methods of strategic controlling in health care facilities • Use of theoretical decision models to solve conflicting goals • Methods of Organizational Comparison • Development of project plans and determination of critical factors • Discussion of selected empirical studies 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... justify and defend (independently developed) positions or problem solutions. ... critically evaluate current social developments and develop alternative solutions. ... develop work processes for real problems and challenges. 				
4	Teaching and Learning Methods lecture practice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (90)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				
9	Module Manager Univ.-Prof. Dr. Ludwig Kuntz				
10	Miscellaneous				

CM Health Economics I					
Module Code 1282MBHHE1	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Quality of care and patient safety		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Dimensions of care and quality of care • Missupply as a quality deficit • Measures of quality determination, supply control and improvement of care quality • Methodological requirements, evaluation possibilities and problems of clinical guidelines • Terminology and concept of patient safety • Strategies to improve patient safety • Regulatory aspects of quality requirements and further development 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				
9	Module Manager Dr.' Michaela Eikermann Univ.-Prof. Dr. med.' Stephanie Stock				
10	Miscellaneous Students on the course are expected to prepare actively for and participate actively in each class. They will be advised of compulsory reading on a term-by-term basis.				

CM Health Economics II					
Module Code 1282MBHHE2	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Ethics of the health care system		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Ethical foundations • Health as a basic concept guiding action • Perceptions of justice, allocation and prioritization • Ethical aspects of the economic valuation of life and health • Medical indication, quality of life, wish-fulfilling medicine and enhancement 				
3	Learning Objectives Students will... <ul style="list-style-type: none"> ...know the possibilities and limitations of ethical analyses. ...understand the importance of different health views for decision making in health care systems ...analyze and evaluate different views of justice and their implications for the structure of health care systems ...are aware of the ethical implications of concepts such as "medical indication" and "quality of life". ...are able to discuss and evaluate current developments in the field of health care from an ethical point of view. 				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				
9	Module Manager Dr. Christian Hick				
10	Miscellaneous As introduction: Lauterbach, K.W., Stock, S., Brunner, H. (Hrsg.): Gesundheitsökonomie. Teil 1: Ethik und Ökonomie in der Medizin, S. 11-71, Bern (20133). Further literature will be announced in lecture.				

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

9	Module Manager Univ.-Prof. Dr. Christoph Schottmüller
10	Miscellaneous

CM Health Economics IV					
Module Code 1282MBHHE4	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Management of Chronic Diseases		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Fundamentals of chronic disease medicine • Special features of chronic diseases from the perspective of service providers, patients and payers • Care structures and management models for chronic diseases • Methods for benchmarking care processes and outcomes • New forms of care • Methods of self-technology assesment Evaluation 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... assess and discuss findings and research results of specialized theories / methods. ... collect, systematize and synthesize independently literature on selected scientific questions. ... justify and defend (independently developed) positions or problem solutions.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements Recommendation: Basic knowledge of evidence-based medicine and basic knowledge of health economics				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				
9	Module Manager Univ.-Prof. Dr. med.' Stephanie Stock				
10	Miscellaneous				

CM Health Economics V					
Module Code 1282MBHHE5	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Methodology of clinical studies (biostatistics)		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Clinical study questions and types • Statistical planning, implementation and interpretation of clinical studies • Special methods such as crossover/phase I/II studies • Assessment of clinical studies 				
3	Learning Objectives Students... ... understand advanced, 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. ... use techniques of scientific work and good scientific practice.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Core and Advanced Section Health Economics Master of Education Wirtschaftspädagogik/Lehramt an Berufskollegs: Supplementary Section Business Education				
9	Module Manager Prof. Dr. rer. medic. Martin Hellmich				
10	Miscellaneous Compulsory reading: Schumacher, Schulgen: Methodik klinischer Studien				

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

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

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

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

3.6.2 Specialisation Section Health Economics

SpM Health Care Management I					
Module Code 1282MSHCM1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Seminar I (Methods): Management in Health Care Systems		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Analysis of different formal methods by means of a scientific publication • Literature research on methodology and context • Preparation of a presentation of the results • Discussion of the strengths, weaknesses and implications of the article 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods. ... assess and discuss findings and research results of specialized theories / methods. ... 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. ... critically evaluate current social developments and develop alternative solutions. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: PRES, WT (45)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics				
9	Module Manager Univ.-Prof. Dr. Ludwig Kuntz				
10	Miscellaneous All participants will receive all core papers for the seminars. Each student reads a paper and prepares a presentation relating to it, which they deliver in class. The written test will cover the main topics covered in the presentations.				

SpM Health Care Management II					
Module Code 1282MSHCM2	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Seminar II (Theory): Management in Health Care Systems		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Analysis of the theoretical background and context of a scientific publication • Literature research on theory and context • Preparation of a presentation of the results • Discussion of the strengths, weaknesses and implications of the article 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods. ... assess and discuss findings and research results of specialized theories / methods. ... 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. ... critically evaluate current social developments and develop alternative solutions. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: PRES, WT (45)				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics				
9	Module Manager Univ.-Prof. Dr. Ludwig Kuntz				
10	Miscellaneous All participants will receive all core papers for the seminars. Each student reads a paper and prepares a presentation relating to it, which they deliver in class. The written test will cover the main topics covered in the presentations.				

SpM Health Economics IV						
Module Code 1282MSHHE4		Workload 180h	ECTS Credits 6	Module Language German	Module Availability every term	Duration 1 Term
1	Courses a) Systematic processing of information in the health sector b) Strategic Management - Computer-based Management Game Hospital Management			Contact Hours a) 20h b) 20h	Self-Studies a) 160h b) 160h	Course Language a) German b) German
2	Module Content <ul style="list-style-type: none"> • Information on decision-making and knowledge management in medicine • Identification of evidence and research in reliable databases that play a significant role in decision-making (guidelines, pathways, drug information services, information aimed at patients) • Selection/production of reliable health care information for patients 					
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods. ... collect and analyse data material 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. ... communicate continuously and purposefully in diverse teams. ... solve team-internal conflicts and target divergences independently. ... 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.					
4	Teaching and Learning Methods seminar					
5	Module Entry Requirements Recommendation: Basic knowledge of the German health care system					
6	Mode of End-Of-Module Examination Combined examination: PRES, TP					
7	Prerequisites for Awarding of Credit Points Passing the module examination of one course. A course is to be attended; the examination relates to the content of one course.					
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics					
9	Module Manager Univ.-Prof. Dr. med.' Stephanie Stock					
10	Miscellaneous					

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

	Compulsory reading will be announced each term. (a) Basic knowledge about methods of EbM as provided in the Bachelor degree are pre-conditions.
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SpM Health Economics I					
Module Code 1282MSHHE1	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Critical Appraisal of Health Economic Studies		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Cost analysis • Benefit analysis • Non-comparative studies • Comparative studies • Critical appraisal of studies and models • Distributions • Sensitivity analyses • Uncertainty in cost/benefit analysis in general 				
3	Learning Objectives Students... ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... present scientific results in a way that is appropriate for the target audience.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements Recommendation: For the course it is necessary to have attended the lecture Health Economic Evaluation. Evidence-based medicine is recommended. It is advisable to have already heard statistics and decision theory.				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics				
9	Module Manager Dr. rer. pol. Dirk Müller				
10	Miscellaneous Compulsory reading will be announced each term. Basic knowledge about Health Economic Evaluation and EbM as provided in the Bachelor degree are pre-conditions. The term paper consists of several questions/assignments on a health economic study.				

SpM Health Economics II					
Module Code 1282MSHHE2	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Health Technology Assessment and Health Policy in Germany		Contact Hours 20h	Self-Studies 160h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Process of analysing the benefits of medical technologies • Literature research and academic writing • Methodological and regulatory aspects of innovations in health care • Critical appraisal and systematic assessment of innovations 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods. ... communicate continuously and purposefully in diverse teams. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... present scientific results in a way that is appropriate for the target audience. ... use techniques of scientific work and good scientific practice. 				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements Recommended: Basic knowledge of the German health care system				
6	Mode of End-Of-Module Examination Oral examination: OE				
7	Prerequisites for Awarding of Credit Points Passing the module examination in one of the courses.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics				
9	Module Manager Dr. rer. pol. Dirk Müller				
10	Miscellaneous				

SpM Health Economics III					
Module Code 1282MSHHE3	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Applied Clinical Research		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Key aspects when writing study protocols • Clinical studies on drugs and medical devices • Significance and validation of surrogate markers • Ethical aspects in clinical studies • Regulatory aspects applicable to clinical studies • Special study designs 				
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... analyse current questions and challenges. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements Recommendation: Knowledge of evidence-based medicine				
6	Mode of End-Of-Module Examination Oral examination: PRES				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics				
9	Module Manager Prof. Dr. med. Stefan Sauerland				
10	Miscellaneous These lectures are based on various examples of medical studies. Students will be advised in class of any required reading for the lectures.				

SpM Health Care Management III					
Module Code 1282MSHCM3	Workload 180h	ECTS Credits 6	Module Language German and English	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Selected Issues Health Care Management		Contact Hours 30h	Self-Studies 150h	Course Language German and English
2	Module Content <ul style="list-style-type: none"> • Analysis of practical problems from a business perspective • Transfer of theoretical knowledge and application of quantitative methods • Development of independent solutions within the framework of a case study • Presentation Solution approaches • Discussion of strengths and weaknesses of the solution approaches 				
3	Learning Objectives Students... ... analyse current questions and challenges. ... write an academic paper on a selected topic and achieve thereby their own scientific contribution. ... 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.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the module examination				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics				
9	Module Manager Univ.-Prof. Dr. Ludwig Kuntz				
10	Miscellaneous This course takes place irregularly and is mainly led by guest lecturers. Information, if and when the course takes place, can be found in KLIPS.				

Studies Abroad I (Master)					
Module Code 1014SAHC03	Workload 180h	ECTS Credits 6	Module Language	Module Availability every term	Duration 1 Term
1	Courses		Contact Hours	Self-Studies	Course Language
2	Module Content Depends on chosen course.				
3	Learning Objectives Students... ... describe approaches to Health Care Management, business administration, economics and social sciences from an international perspective. ... explain international issues in the areas of health care management, business administration, economics and social science. ... discuss and compare different theories and approaches in health care management, business administration, economics and social science. ... develop new intellectual perspectives with regard to their own education. ... are better equipped to deal with the dynamic, global dimensions of their professional future in an effective manner.				
4	Teaching and Learning Methods depending on course choice				
5	Module Entry Requirements none				
6	Mode of End-Of-Module Examination TR - depending on course selection				
7	Prerequisites for Awarding of Credit Points depending on course selection				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics				
9	Module Manager				
10	Miscellaneous Language: can be held in English or in any language offered at the host university This module can be studied either at a foreign university. In this case, there is a standardised course crediting procedure. Information about course crediting (deadlines and procedures) is available from the Credit Transfer Center (WiSo-Anrechnungszentrum : https://www.anrechnungswiso.uni-koeln.de/.) This module can also be studied as part of a Summer School organised by the WiSo-Faculty. In this case, the previous exam registration has to be done according to the regulations of the WiSo-Faculty.				

Studies Abroad II (Master)						
Module Code 1014SAHC04		Workload 180h	ECTS Credits 6	Module Language	Module Availability every term	Duration 1 Term
1	Courses			Contact Hours	Self-Studies	Course Language
2	Module Content Depends on chosen course.					
3	Learning Objectives Students... ... describe approaches to health Care Management, business administration, economics and social sciences from an international perspective. ... explain international issues in the areas of health care management, business administration, economics and social science. ... discuss and compare different theories and approaches in health care management, business administration, economics and social science. ... develop new intellectual perspectives with regard to their own education. ... are better equipped to deal with the dynamic, global dimensions of their professional future in an effective manner.					
4	Teaching and Learning Methods depending on course choice					
5	Module Entry Requirements none					
6	Mode of End-Of-Module Examination TR - depending on course selection					
7	Prerequisites for Awarding of Credit Points depending on course selection					
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics					
9	Module Manager					
10	Miscellaneous Language: can be held in English or in any language offered at the host university This module can be studied either at a foreign university. In this case, there is a standardised course crediting procedure. Information about course crediting (deadlines and procedures) is available from the Credit Transfer Center (WiSo-Anrechnungszentrum : https://www.anrechnungswiso.uni-koeln.de/ .) This module can also be studied as part of a Summer School organised by the WiSo-Faculty. In this case, the previous exam registration has to be done according to the regulations of the WiSo-Faculty.					

Specialisation module Psychosomatik und Psychotherapie					
Module Code 1282SMPP00	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every term	Duration 1 Term
1	Courses Psychosomatik und Psychotherapie (Hauptvorlesung)		Contact Hours 15h	Self-Studies 165h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Psychosomatics and psychotherapy • Psychogenic eating disorders • Depression; anxiety disorders • Somatisation disorders • Dissociative disorders • Post-traumatic stress disorder 				
3	Learning Objectives Students... ... learn the basics of psychosomatic illnesses and are introduced to specific symptom sets. ... identify care structures, forms of treatment and training paths in psychosomatic medicine. ... apply the general principles of neurotic and psychosomatic disorders. ... identify biopsychosocial factors in the pathogenesis of the disorders listed below and basic features of their treatment. ... explain the epidemiology and relevance of the illnesses in terms of health economics.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics				
9	Module Manager Univ.-Prof. Dr. med. Christian Albus				
10	Miscellaneous Lecture notes on uk-online; students will be advised of additional reading at the beginning of term.				

Specialisation Module Naturheilkunde und Homöopathie					
Module Code 1282SMNH00	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every term	Duration 1 Term
1	Courses Grundlagen, Grenzen und Möglichkeiten der Naturheilkunde und Homöopathie		Contact Hours 15h	Self-Studies 165h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Evidence-based natural healing methods: prophylaxis and therapy options recommended by patients and service providers • Basic principles, options and limits of evidence-based natural healing • Basic principles, options and limits of evidence-based complementary medicine • Principles of physical medicine • Types of rehabilitation • Basic principles of rehabilitation 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... analyse studies on natural healing and apply the methods of evidence-based medicine to them. ... are introduced to the basics of natural healing and complementary medicine. ... understand the types and principles of rehabilitation medicine. ... identify the roles played by natural healing, physical medicine and rehabilitation in health care. 				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics				
9	Module Manager Univ.-Prof. Dr. med. Josef Beuth				
10	Miscellaneous The compulsory reading list will be published before the start of term.				

Specialisation module Klinische Umweltmedizin					
Module Code 1282SMKU00	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every term	Duration 1 Term
1	Courses Klinische Umweltmedizin		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Basic principles of environmental medicine of relevance to public health • The role of clinical environmental medicine in prevention • Links between environmental factors, illnesses and disorders • Determination of harmful potential and monitoring of substances hazardous to health • Epidemiological studies in environmental medicine 				
3	Learning Objectives Students... <ul style="list-style-type: none"> ... discuss aspects of the relationship between humans and their environment that influence health and illness. ... analyse biomonitoring analyses. ... identify links between environmental and occupational factors, e.g. shift work and impacts on health. ... examine epidemiological studies in environmental medicine. ... determine harmful potential of substances that are hazardous to health. 				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics Master of Science Versorgungswissenschaften: Supply Humf				
9	Module Manager Univ.-Prof. Dr. med. Thomas Erren				
10	Miscellaneous The compulsory reading list will be published before the start of term				

Specialisation module Prävention und Gesundheitsförderung					
Module Code 1282SMPG00	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every term	Duration 1 Term
1	Courses Prävention und Gesundheitsförderung		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content I. Fundamentals Prevention in doctors' surgeries and in hospitals: basic terminology and concepts II. Secondary prevention - Screening Screening: breast cancer, cancer of the colon, childhood cancer III. Primary prevention through behavioural change How do I change patients' health and prevention habits? Prevention of smoking, obesity and high blood pressure IV. Primary prevention through prevention activities focusing on the individual's environment Prevention activities focusing on the individual's environment and health promotion activities in hospitals). Patient safety in hospitals and doctors' surgeries/practices				
3	Learning Objectives Students... ... employ the basic terminology and concepts of prevention. ... assess screening measures. ... identify measures to achieve behavioural change. ... can distinguish between prevention activities focusing on the individual's environment and health promotion activities in various settings (workplace and hospital).				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics Master of Science Versorgungswissenschaften: Supply Humf				
9	Module Manager Jun.-Prof. PD Dr.' Nicole Ernstmann				
10	Miscellaneous Required readings are announced at the beginning of the semester.				

Specialisation Module Medizinische Soziologie					
Module Code 1282SMMS00	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every 2nd term - summer term	Duration 1 Term
1	Courses Medizinische Soziologie		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Descriptive and social epidemiology • Micro and macro-models of pathogenesis • Physician-patient interaction • Prevention and health promotion • Rehabilitation • Health care system: needs, demand and influencing patient's behaviour in the health care system; • The physician's profession and the health care system • Empirical social research methods 				
3	Learning Objectives Students... ... are familiar with the basic principles of sociology as applied in core areas of medicine.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics Master of Science Versorgungswissenschaften: Supply Humf				
9	Module Manager Jun.-Prof. PD Dr.' Nicole Ernstmann				
10	Miscellaneous The aim is to give students an overview of how sociological content is used in medicine. The compulsory reading list will be published before the start of term				

SpM Health Economics V						
Module Code 1282MSHHE5		Workload 180h	ECTS Credits 6	Module Language German	Module Availability every term	Duration 1 Term
1	Courses Fields of competence			Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content <ul style="list-style-type: none"> • Metabolic syndrome I • Colorectal carcinoma • Diabetes mellitus • Hypertension I • Coughs and colds • Heart failure 					
3	Learning Objectives Students... ... understand advanced, specialized theories / methods. ... assess and discuss findings and research results of specialized theories / methods. ... justify and defend (independently developed) positions or problem solutions. ... discuss scientific topics in a professional manner and appropriate to the situation with (non-) specialists. ... use techniques of scientific work and good scientific practice.					
4	Teaching and Learning Methods seminar					
5	Module Entry Requirements none					
6	Mode of End-Of-Module Examination Oral examination: PRES					
7	Prerequisites for Awarding of Credit Points Passing the module examination					
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Specialization Section Health Economics					
9	Module Manager Univ.-Prof. Dr. med.' Stephanie Stock					
10	Miscellaneous Basic knowledge about Health Economic Evaluation and EbM as provided in the Bachelor degree are pre-conditions.					

3.6.3 Supplementary Section Health Economics

Supplementary Module Arbeitsmedizin, Sozialmedizin					
Module Code	Workload	ECTS Credits	Module Language	Module Availability	Duration
1282EMAS00	180h	6	German	every term	1 Term
1	Courses Occupational Medicine, Social Medicine		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content <ul style="list-style-type: none"> • The scientific basis for human factors engineering • Detection of causes and identification of preventive measures for work-related health hazards, diseases and accidents • Measures to ensure individual fitness to work and employability are maintained and restored • Workplace health promotion and prevention 				
3	Learning Objectives Students... ... assess work-related causes of health hazards and identify preventive measures based on their findings. ... analyse measures for maintaining and restoring individual fitness to work and employability. ... assess workplace health promotion projects.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Written test: WT (60)				
7	Prerequisites for Awarding of Credit Points Passing the written test.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Supplementary Section Health Economics Master of Science Versorgungswissenschaften: Supply Humf				
9	Module Manager Univ.-Prof. Dr. med. Thomas Erren				
10	Miscellaneous The reading list will be announced in the first lecture.				

Supplementary Module Rechtsmedizin					
Module Code 1282EMRe00	Workload 180h	ECTS Credits 6	Module Language German	Module Availability every term	Duration 1 Term
1	Courses Legal Medicine		Contact Hours 30h	Self-Studies 150h	Course Language German
2	Module Content <ul style="list-style-type: none"> • The physician's profession and professional code of conduct , professional jurisdiction • Expert commission of the chambers of physicians • Pre-intervention information for the patient and patient consent • Duty of confidentiality, right to information, obligation to notify the authorities • Documentation duty, right of access to medical records • Treatment errors and breach of duty of care in criminal and civil procedures • Physicians in criminal procedures • Euthanasia, suicide, living wills • Treatment attempts and clinical experiments, ethics committees • Dealing with the press, written interviews and statements as a physician • Writing expert reports 				
3	Learning Objectives Students... ... are familiar with the basic principles of the physician's profession and medical self-governance structures: professional code of conduct [Berufsordnung], medical licensing regulations [Approbationsordnung], medical associations [Kammern], professional jurisdiction [Berufsgerichtsbarkeit], expert commission[Gutachterkommission]. ... can assess whether the procedure for informing a patient and gaining his/her consent prior to an intervention has been conducted correctly and in its entirety. ... are familiar with the special duties incumbent upon physicians with regard to confidentiality, provision of information and notification of the authorities;medical documentation and handling of patient data are familiar with various types of expert reports and how they differ in terms of form and content.				
4	Teaching and Learning Methods lecture				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Oral examination: OE (30)				
7	Prerequisites for Awarding of Credit Points Passing the oral examination.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Supplementary Section Health Economics				
9	Module Manager				
10	Miscellaneous The compulsory reading list will be published at the start of term.				

Supplementary module Health and Macroeconomics					
Module Code 1302EMHM00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Population Health and Health Inequalities		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Health Inequalities over the life-cycle • Current Topics in health economics/ population health 				
3	Learning Objectives Students... ... are familiar with the relevant mechanisms in health economics/macroeconomics. ... gain insights into macroeconomic factors in health care. ... build on their presentation and writing skills.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements Recommendation: CM Health Economics III				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Supplementary Section Health Economics				
9	Module Manager CMR Center for Macroeconomic Research				
10	Miscellaneous Language: English				

Supplementary module Sociology of Health					
Module Code 1320EMSH00	Workload 180h	ECTS Credits 6	Module Language English	Module Availability every 2nd term - winter term	Duration 1 Term
1	Courses Sociology of Health		Contact Hours 30h	Self-Studies 150h	Course Language English
2	Module Content <ul style="list-style-type: none"> • Measurement of health in social surveys • SES and health • Role of neighbourhood context and health • Gender differences and health • Work and health • Family and health • Healthy migrant effect • Social networks and health • Religion and health • Health problems in an ageing society • HIV/AIDS • Mortality • Demographic change and health care expenditure 				
3	Learning Objectives Students... ... discuss various aspects of health inequalities from a sociological perspective. They identify and theoretically differentiate the social mechanisms that cause health inequalities and explore them using empirical findings. This approach is intended to interpret and explain in sociological terms individual behaviour and social dynamics in relation to health. Students also develop practical solutions. ... engage in academic discourse.				
4	Teaching and Learning Methods seminar				
5	Module Entry Requirements None				
6	Mode of End-Of-Module Examination Combined examination: PRES, TP				
7	Prerequisites for Awarding of Credit Points Passing the combined examination.				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Supplementary Section Health Economics				
9	Module Manager Univ.-Prof. Dr. Karsten Hank				
10	Miscellaneous Compulsory reading will be announced each term.				

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

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

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

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

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

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

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

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

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

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

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

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

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

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

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

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

MODULE CATALOGUE – HEALTH ECONOMICS - MASTER OF SCIENCE

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

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

Supplementary module Studies Abroad in Management I (Master)						
Module Code 1014SAMM01		Workload 180h	ECTS Credits 6	Module Language	Module Availability every term	Duration 1 Term
1	Courses			Contact Hours	Self-Studies	Course Language
2	Module Content Depends on chosen course.					
3	Learning Objectives Students... ... describe approaches to health economics, business administration, economics and social sciences from an international perspective. ... explain international issues in the areas of health economics, business administration, economics and social science. ... discuss and compare different theories and approaches in health economics, business administration, economics and social science. ... develop new intellectual perspectives with regard to their own education. ... are better equipped to deal with the dynamic, global dimensions of their professional future in an effective manner.					
4	Teaching and Learning Methods depending on course choice					
5	Module Entry Requirements Depends on chosen course					
6	Mode of End-Of-Module Examination TR - depending on course selection					
7	Prerequisites for Awarding of Credit Points					
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Supplementary Section Health Economics					
9	Module Manager					
10	Miscellaneous Language: Can be offered in English or in any language possible at the host university. This module can be studied at a higher education institution in another country. There is a standardised crediting procedure for such cases. Information about course crediting (deadlines and procedures) can be obtained from the Credit Transfer Centre (WiSo Credit Transfer Centre: https://www.anrechnungswiso.uni-koeln.de/) This module can also be taken as part of a summer school organised by the WiSo Faculty. In this case, students must register for the examination in accordance with the rules of the WiSo Faculty prior to embarking on the module.					

Supplementary module Studies Abroad in Management II (Master)					
Module Code 1014SAMM02	Workload 180h	ECTS Credits 6	Module Language	Module Availability every term	Duration 1 Term
1	Courses		Contact Hours	Self-Studies	Course Language
2	Module Content Depends on chosen course				
3	Learning Objectives Students... ... describe approaches to health economics, business administration, economics and social sciences from an international perspective. ... explain international issues in the areas of health economics, business administration, economics and social science. ... discuss and compare different theories and approaches in health economics, business administration, economics and social science. ... develop new intellectual perspectives with regard to their own education. ... are better equipped to deal with the dynamic, global dimensions of their professional future in an effective manner.				
4	Teaching and Learning Methods depending on course choice				
5	Module Entry Requirements Depends on chosen course				
6	Mode of End-Of-Module Examination TR - depending on course selection				
7	Prerequisites for Awarding of Credit Points				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Supplementary Section Health Economics				
9	Module Manager				
10	Miscellaneous Language: Can be offered in English or in any language possible at the host university. This module can be studied at a higher education institution in another country. There is a standardised crediting procedure for such cases. Information about course crediting (deadlines and procedures) can be obtained from the Credit Transfer Centre (WiSo Credit Transfer Centre: https://www.anrechnungswiso.uni-koeln.de/) This module can also be taken as part of a summer school organised by the WiSo Faculty. In this case, students must register for the examination in accordance with the rules of the WiSo Faculty prior to embarking on the module.				

3.6.4 Masterthesis Health Economics

Master Thesis Health Economics					
Module Code 1282MaGe00	Workload 720h	ECTS Credits 24	Module Language German and English	Module Availability every term	Duration 1 Term
1	Courses		Contact Hours	Self-Studies	Course Language
2	Module Content The topic of the master's thesis on the Health Economics programme must come from the core and advanced area or the specialisation area				
3	Learning Objectives Students... ... are familiar with current debate on the theory and methods of their subject area 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. ... engage in advanced discussion of theoretical and methodical problems, with teaching staff, other students and individuals with an interest in the subject. ... assess research findings and develop scientifically and socially relevant conclusions from them.				
4	Teaching and Learning Methods Master's Thesis				
5	Module Entry Requirements 60 ECTS credits obtained				
6	Mode of End-Of-Module Examination Written test 6 months				
7	Prerequisites for Awarding of Credit Points				
8	Other Programmes that Use the Module Master of Science Gesundheitsökonomie: Master Thesis Health Economics				
9	Module Manager				
10	Miscellaneous The master's thesis may be written in German or English. It is also possible to combine the master's thesis with an internship. The internship is voluntary and is not part of the curriculum. If you are interested in such a combination, please contact the desired chair early enough to clarify the supervision. Each chair decides independently whether a master thesis is supervised in combination with an internship or not. Further information on this topic is also available at the WiSo-				

	Studienberatungszentrum.
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