



Master Welcome Event M.Sc. Health Economics

fall term 2017/18



Marion Danner (IGKE) and Dr. Desdemona Möller (WiSO)





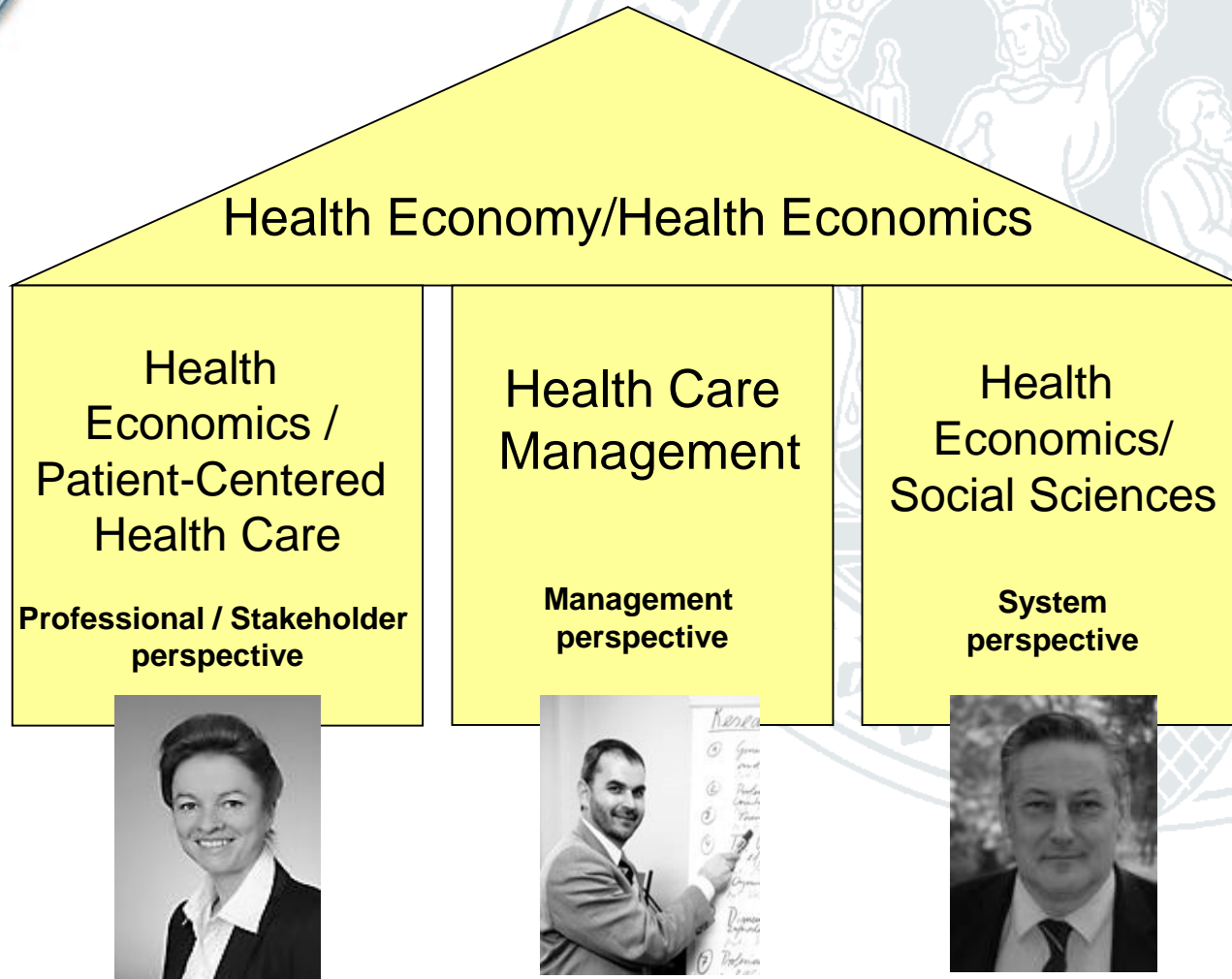
programme structure

Health Economics



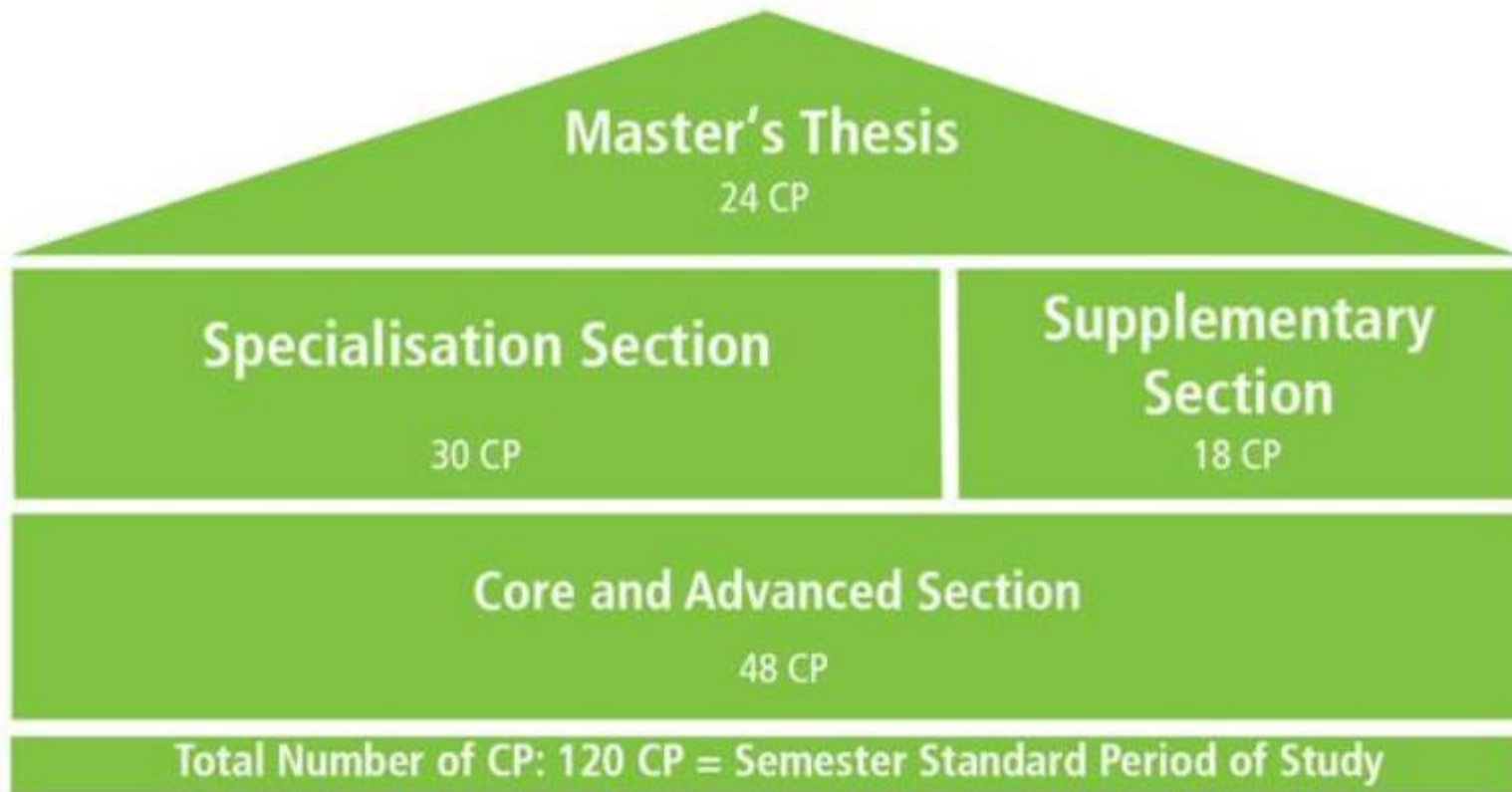


What is it all about?





Health Economics





Health Economics core and advanced section

Group	Module	ECTS	CC/EC	Required ECTS
Core- and advanced section Health Economics	Core module Health Care Management	6	CC	48
	Core module Patient Safety and Risk Management	6	CC	
	Core module Comparison of Health Care Systems	6	CC	
	Core module Health Economic Aspects of Chronic Care	6	CC	
	Core module Methodology of Clinical Trials	6	CC	
	Core module Ethics of the Health Care System	6	CC	
	Core module Imperfect Information in Health Care Markets	6	CC	
	Core module Trans- and international Perspective	6	CC	

- modules offered in the core and advanced section are **compulsory**
- course content can be found in the module catalogue:
https://www.wiso.uni-koeln.de/sites/fakultaet/dokumente/downloads/master/m_mhb_po2015_e_gesoeek.pdf





Health Economics specialisation section

Group	Module	ECTS	CC/EC	Required ECTS
Seminars	Specialisation module Seminar I (Methods): Management in Health Care Systems	6	EC	6-12
	Specialisation module Seminar II (Theory): Management in Health Care Systems	6	EC	
	Specialisation module I Seminar Medical Decision-Making	6	EC	
Health Economics	Specialisation module Health Economics	6	EC	6-18
	Specialisation module Selected Issues in Health Care Manage-	6	EC	
	Specialisation module Selected Issues Management in Medicine	6	EC	
	Specialisation Module Clinical Research in the Application	6	EC	
	Studies Abroad in Health Care Management I (Master)	6	EC	
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Medizin	Specialisation module Psychosomatics and Psychotherapy	6	EC	Max. 18
	Specialisation module Naturopathy and Homeopathy	6	EC	
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MDM I: Medical Decision Making
 broad field of medical topics
 own suggestions possible
 group discussion

Lecturers:

PD Dr. med. Nicole Skoetz (Cochrane)

Dr. rer. medic Fuelop Scheibler (IQWiG)

MDM II: Strategic Management:
 computer-based simulation
 game
 strategic decisions for a
 virtual hospital

Lecturers: Clarissa Lemmen, Dusan Simic (IGKE)





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- includes aspects of cost analyses, benefit assessment (e.g., quality of life), assessment of health economic studies & modeling (based on B.Sc. course)
- involves group interaction and discussion

Lecturers:
Marion Danner/Vera Venedey (IGKE) in cooperation with IQWiG-employees (ressort health economics)





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Health economics from the perspective of manufacturers

- SIMM I: Health Economic Modeling
Lecturers: Dr. Daniel Wirth, Marie-Kristin Leisten (Janssen & Cilag), Dirk Müller (IGKE)

- SIMM II: Evidence-based medicine plus cost regulation of medical drugs
Lecturers: Fabian Jülich, Dr. Arne Bartul, (Bayer Health Care), Dirk Müller (IGKE)





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Aspects of clinical studies from different perspectives (i.e., university clinic, ethical commission, regulatory agency, manufacturer)

Lecturer: PD Dr. med. Stefan Sauerland (IQWIG)





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- aspects of health policy issues for selected diseases
- note: individual registration per e-mail to Prof. Stock (stephanie.stock@uk-koeln.de)

Lecturer: Prof. S. Stock (IGKE)





Master theses at the Medical Faculty

- broad spectrum of topics
- own suggestions possible

some examples:

- Quality of life of pediatric patients with invasive meningococcal disease
- Cost-effectiveness of a home safety intervention to prevent falls for elderly people living in the community in Germany
- Identification of the most important barriers and facilitators regarding the use of HTA in decision-making in Germany: a Best-Worst Scaling survey





Career opportunities

- **pharmaceutical industry**
- **bodies of the statutory health insurance**
 - e.g. IQWiG, Federal Joint Committee (Gemeinsamer Bundesausschuss)
 - National Association of the SHI
 - German Agency for Quality in Medicine (ÄZQ-Ärztliches Zentrum für Qualität in der Medizin)
- **insurance companies**
- **academic institutions**





HCM - core and advanced section

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	Core module Ethics of the Health Care System	6	CC	
	Core module Imperfect Information in Health Care Markets	6	CC	
	Core module Trans- and international Perspective	6	CC	

Choose 48 CP

Introduction and theory:

- (1) Basic definitions, key questions and an economic model
- (2) Key figures and key elements of the German hospital system
- (3) Strategic and operations management

Selected managerial tools for understanding, designing and controlling service processes:

- (4) Hospital benchmarking
- (5) Capacity strategy
- (6) Decision making

Prof. Kuntz and n.n.





HCM specialisation section

Choose 30 CP

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Advanced Seminar I (Methods) & Advanced Seminar II (Theory)

Objective:

To present and discuss a recent paper from an international leading journal

Potential Journals are:

- Healthcare Management Science
- Health Care Management Review
- Management Science
- Academy of Management Journal

Examination format: Presentation and oral performance, exam, no teamwork

Prof. Kuntz and n.n.

Case Study (Hospital, Rehab, Nursing)

Examination format: Presentation, Essay and oral performance, teamwork

Prof. Harald Schmitz (Vorstandsvorsitzender der Bank für Sozialwissenschaft)





Health Economics supplementary section

Choose 18 CP

Group	Module	ECTS	CC/EC	Required ECTS
Medizin	Supplementary module Occupational Medicine, Social Medicine	6	EC	Max. 12
	Supplementary module Legal Medicine	6	EC	
VWL / Soziologie	Supplementary module Health and Macroeconomics	6	EC	Min. 6
	Supplementary module Sociology of Health	6	EC	
BWL I	Specialisation module I Business Ethics	6	EC	Max. 6
	Specialisation module Strategic Development	6	EC	
	Specialisation module I Strategic Human Resource Management	6	EC	
	Specialisation module Value-based Controlling	6	EC	
BWL II	Specialisation module Supply Chain Strategy	6	EC	Max. 12
	Specialisation module Financial Institutions Management	12	EC	
	Specialisation module Marketing III	6	EC	
	Studies Abroad in Management I (Master)	6	EC	
	Studies Abroad in Management II (Master)	6	EC	
	Specialisation module Operative and Strategic Controlling	6	EC	





Master theses at the WiSo Faculty

broad spectrum of topics

- Hospital management
- Cotrolling
- Reviews
- Empirical investigations

own suggestions possible eg. in cooperation with organizations

24 CP





Study abroad

EFMD

EQUIS
ACCREDITED

- It is important to plan your application for a term abroad already at the beginning of your master programme
- The Study Abroad Programme (STAP) allows for terms abroad during fall term as well as spring term
- The selection process takes place only once a year (application deadline: 1st December)
- The application should be submitted in the first semester of your degree

More information on this website:

1. <https://www.wiso.uni-koeln.de/de/international/studies-abroad/semester-exchange-stap/master/>
2. International Relations Center (ZIB)





Career

- **Master program prepares you for a career in several health institutions and health provider organizations in public or private ownership.**
- **WiSo-Career-Service support you with several services:**
 - **Personal Counselling, Soft-Skills-Trainings**
 - **Career Tuesday: Presentation of Practitioners & Alumni (e.g. CEO of the Bank for Social Economy))**
 - **www.wiso-career.uni-koeln.de**





Alumni

- **Dr. Verena Glöckner**
BG Kliniken – Klinikverbund der gesetzlichen Unfallversicherung
Stabstelle Klinikangelegenheiten
➤ Focus on Business Administration
- **Pit Zimmermann**
Kaufmännischer Direktor der St. Anna Klinik in Wuppertal
➤ Focus on Business Administration
- **Kyra Kneis**
Strategy Consultant bei Bayer AG
➤ Focus on Medicine





Sample study plan Health Economics





Sample study plan 1st semester

term	cc/ec	module	section	ECTS
1	cc	Core module Patient Safety and Risk Management	Core section	6
1	cc	Core module Comparison of Health Care System	Core section	6
1	cc	Core module Ethics of the Health Care System	Core section	6
1	cc	Core module Imperfect Information in Health Care Markets	Core section	6
1	cc	Core module Trans- and International Perspectives	Core section	6
				30





Sample study plan for semesters 2 until 4

2	CC	Core module Health Care Management	Core section	6
2	CC	Core module Health Economic Aspects of Chronic Care	Core section	6
2	CC	Core module Methodology of Clinical Trials	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





**We'd like to wish you a successful start
to your studies!**

