

Overview of the Master Modules in Health Informatics

Version: 08/06/2019

Abbreviations:

Rec. Sem.: It is recommended to take this course in semester #

ECTS: Credit Points

CH: Contact hours per week

KC: This course is accredited as a key competency.

Teaching Mode:

L = Lecture

S = Seminar

P = Proseminar

C = Compact Course

SoSe: Summer Term; **WiSe:** Winter Term

ÄK Med:

This course is accredited by the State Medical Chamber of Lower Saxony.

Master									
Subject Area Health Informatics									
Compulsory Modules	Course Title	Lecturer	Offer	Rec. Sem.	ECTS	CH	Mode	ÄK Med	KC
M.Inf.1301: Market Analysis	Market Analysis of an IT-Market ¹	Vogel, Jensen	WiSe	1-2	8	6	S		
					8				
M.Inf.1302: Current Topics in Health Informatics	Development Trajectories in Health Informatics	N.N.	WiSe	3	5	3	S		
					5				
M.Inf.1305: Journal Club	Journal Club ²	Sax, Dathe, N.N.	each semester	1	5	3	S		
					5				
Total ECTS from Compulsory Modules in the Subject Area Health Informatics					18				

¹ The module starts every winter term and is taught in two consecutive terms.

² The module is offered every semester. Participation in two terms (not necessarily consecutive) is mandatory in order to obtain full credits.

Elective Modules	Course Title	Lecturer	Offer	Rec. Sem.	ECTS	CH	Mode	ÄK Med	KC
M.Inf.1303: Imaging and Visualization	Imaging and Visualization	Uecker, Sax, N.N.	SoSe	1-3	6	4	C / S		
					6				
M.Inf.1304: E-Health	E-Health	Schütze, Lang	WiSe	1-3	6	4	C / S		
					6				
M.Inf.1205: Research Oriented Practicum	Small Research Oriented Practicum in the Field of Health Informatics	Sax	each Sem.	2-4	6				
					6				
Total ECTS from Elective Modules in the Subject Area Health Informatics					18				
Minimum of ECTS to be gained in the Subject Area Health Informatics					24				

Master									
Subject Area Health Care System									
Compulsory Modules	Course Title	Lecturer	Offer	Rec. Sem.	ECTS	CH	Mode	ÄK Med	KC
M.Inf.1351: Work Methods in Health Research	Collaborative Work Methods in Research	Sax	WiSe	1-2	5	3	S		
					5				
M.Inf.1355: IT-Management Techniques in Health Care	Economic Aspects of IT-Investments in Health Care	Sax	WiSe	1-2	10	2	V		
	Special Aspects of Project Management in Health Care ³	Rey	WiSe			2	S		
	Knowledge Management	Kleinoeder, Nußbeck	SoSe			2	C / S		X
					10				
Total ECTS from Compulsory Modules in the Subject Area Health Care System					15				
Elective Modules	Course Title	Lecturer	Offer	Rec. Sem.	ECTS	CH	Mode	ÄK Med	KC
M.Inf.1356: Infrastructures for Clinical Research⁴	Biostatistics and Bioinformatics Basics ⁵	N. N.	WiSe	1-3	9	2	S / L	X	X
	Personalized Medicine ⁶	Sax et al.	SoSe			2	L		
	Clinical Trials	Friede et al.	SoSe			4	S / L		
					9				
Total ECTS from Elective Modules in the Subject Area Health Care System					9				
Minimum of ECTS to be gained in the Subject Area Health Care System					24				

³ Prior attendance of the bachelor seminar "Fundamentals of Project Management" is recommended for this course.

⁴ Prior attendance of the bachelor module "Fundamentals of Biomedicine" is strongly recommended.

⁵ Students of Medical Informatics are strongly advised to attend this course before attending „Clinical Trials“.

⁶ This course is accredited in the program for continuous education of the State Medical Chamber of Lower Saxony with two educational points per lecture attended.