

**Personal Study Plan in the Master Study Program
Applied Computer Science at Georg-August-University Goettingen
Field of Specialization: Medical Informatics**

Information:

Following § 4 of the examination and study regulations in its version AM I 51/18.10.2017 every master student must choose a mentor. The choice should be made at the beginning of the second term. The mentor must be an accredited examiner in the student's field of specialization since the mentor should also be the academic supervisor of the master thesis.

Following § 15 para. 3 of the examination and study regulations in its version AM I 51/18.10.2017 every master student must draft a personal study plan. The study plan must be supported by the mentor and accepted by the dean for student affairs. The study plan then serves the student as confirmation, that his study planning meets the formal criteria. The student keeps the original document. A copy of the accepted study plan is being kept by the dean and the secretary for student affairs in the field of specialization.

Following ModulVZ in its version AM II 26/20.10.2017, I.2.V.1. a confirmed prerequisite fund of knowledge in medical informatics and the health care system is mandatory in order to be admissible in the study field of medical informatics.

Personal Study Plan of

Matriculate No.:

Prerequisite Knowledge:

First Term of Master Studies:

Intended Term of Graduation:

Intended Term for Master Thesis:

Overview Master Studies

Area	Minimum of credits	Actual Credits obtained
General Studies, Group 1	min. 10	
General Studies, Group 2	min. 5	
General Studies, Group 3	0	
Field of Specialization	48	
Key Competencies	12	
Master Thesis	30	
Total ECTS	min. 120	

(Courses that must be passed in order to fulfill the mandatory level of prerequisite knowledge will be determined individually in student counselling with regard to the transcript of records of the candidate's bachelor examination.)

Mandatory Prerequisite Courses from the Bachelor Curriculum in Medical Informatics

Module No.	Module Title	Passed in	ECTS	Lecture Titles
B.Inf.1301	Fundamentals of Medical Informatics		9	Fundamentals of Medical Informatics / Clinical Documentation / Data Security
B.Inf.1351	Fundamentals of Bio-Medicine		8	Fundamentals of Bio-Medicine I to III
B.Inf.1352	Organization of the Health Care System		6	Organizations and Occupations in Health Care / Quality Management and Risk Assessment in Health Care
B.Inf.1354	Application Systems in Health Care		5	Application Systems in Health Care (Lecture and Practical Exercise)
Total ECTS			28	

Elective Prerequisite Courses from the Bachelor Curriculum in Medical Informatics

Module No.	Module Title	Passed in	ECTS	Lecture Titles
B.Inf.1302	Biosignal Processing		5	Telemedicine and Assistive Health Care Technologies / Computer Assisted Surgery
B.Inf.1303	Life Cycle Management		7	Medical and Administrative Decision Making / IT-Controlling
B.Inf.1304	IT-Projects		3	Fundamentals of Project Management
Total ECTS			15	

General Studies (min. Total of 30C)

Group 1 (min. of 2 Modules and min. Total of 10C)

Module No.	Module Title	Passed in	ECTS
	Total ECTS		

Group 2 (min. of 1 Module and min. Total of 5C)

Module No.	Module Title	Passed in	ECTS
	Total ECTS		

Group 3 (Elective Modules)

Module No.	Module Title	Passed in	ECTS
	Total ECTS		

Field of Specialization (min. Total of 48C)

Area Medical Informatics (min. Total of 24C)

Module No.	Module Title	Passed in	ECTS	Lecture Title
Mandatory Modules				
M.Inf.1301	Market Analysis		8	Analysis of an IT-Market (Lecture and Seminar Project, 2 Terms)
M.Inf.1302	Current Topics in Medical Informatics		5	Development Trajectories of Medical Informatics
M.Inf.1305	Journal Club		5	Journal Club (2 terms)
Elective Modules				
M.Inf.1303	Imaging and Visualization		6	Imaging Systems
				Virtual Reality in Medicine
M.Inf.1304	E-Health		6	E-Health
Total ECTS				

Area Health Care System (min. Total of 24C)

Module No.	Module Title	Passed in	ECTS	Lecture Title
Mandatory Modules				
M.Inf.1351	Work Methods in Health Care Research		5	Collaborative Methods in Research
M.Inf.1355	IT Management Techniques in Health Care		10	Economic Aspects of IT Investments in Health Care
				Special Aspects of Project Management in Health Care
				Knowledge Management
Elective Modules				
M.Inf.1356	Infrastructures for Clinical Research		9	Biostatistics and Bioinformatics Basics
				Personalized Medicine
				Clinical Trials
	Total ECTS			

Key Competencies (min. Total of 12C)

Module No.	Module Title	Passed in	ECTS
	Total ECTS		

I choose the following accredited examiner in medical informatics as my mentor:

Date, Signature Student

Statements

I accept the mentorship. I support the study plan.

Date, Signature Mentor

The study plan is accepted.

Date, Signature Dean for Student Affairs