

**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 22/30.06.2023 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 22/30.06.2023 every master student must obtain mandatory counseling from the mentor. This serves to 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 07/11.07.2023, I. 2. a. 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.

The numeration of the different module groups in this template follows the numeration ModulVZ in its version AM II 07/11.07.2023.

Personal Study Plan of

Enrolment 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	24	
Field of Specialization	48	
Key Competencies	12	
Electives	6	
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	Topics
B.Inf.1301	Fundamentals of Medical Informatics		9	Introduction to Medical Informatics / Clinical Documentation / Data Privacy and Information 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	Organization in Health Care / Quality Management and Risk Assessment in Health Care
B.Inf.1302	Biosignal Processing		5	Biosignal Processing (Lecture and Exercise)
Total ECTS			28	

Elective Prerequisite Courses from the Bachelor Curriculum in Medical Informatics

Module No.	Module Title	Passed in	ECTS	Topics
B.Inf.1354	Application Systems in Health Care		5	Application Systems in Health Care (Lecture and Practical Exercise)
B.Inf.1305	Organization and Controlling in Medical Research and Care		7	Organization Processes in Research and Care / IT-Controlling
B.Inf.1304	IT-Projects		3	Fundamentals of Project Management
Total ECTS			15	

(I. 1.) General Studies (min. total of 24 C)

(I. 1. a.) Mandatory Electives Modules (min. of 3 modules and min. total of 15 C)

Module No.	Module Title	Passed in	ECTS
Total ECTS			

(I. 1. b.) Elective Modules

Module No.	Module Title	Passed in	ECTS
Total ECTS			

(I. 2. a. V.) Field of Specialization (min. total of 48 C)

(I. 2. a. V. 2. a.) Area "Medical Informatics" (min. total of 24 C)

Module No.	Module Title	Passed in	ECTS	Lecture Title
Mandatory Modules				
M.Inf.1306	Market Analysis		9	Market Analysis (Lecture and Seminar Project, 2 Terms)
M.Inf.1307	Current Topics in Medical Informatics		6	Current Topics in Medical Informatics
M.Inf.1308	Journal Club		3	Journal Club (2 terms)
Elective Modules				
M.Inf.1303	Imaging and Visualization		6	Imaging and Visualization
M.Inf.1304	E-Health		6	E-Health
M.Inf.1205	Internship		6	Research-Oriented Student Project
	Total ECTS			

(I. 2. a. V. 2. b.) Area Health Care System (min. total of 24 C)

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 Manage- ment in Health Care
				Knowledge Management
M.Inf.1356	Infrastructures for Clinical Research		9	Personalized Medicine
				Clinical Trials
	Total ECTS			

I choose _____ 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