Personal Study Plan in the Master Study Program
Applied Computer Science at Georg-August-University Goettingen
Field of Specialization: Applied System Engineering with Minor Subject

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 09/14.06.2024, I. 2. a. XI. 1. e. aa., 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 09/14.06.2024.

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 Biomedicine		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.1306	Data Management and Data Analysis in Biomedical Research		7	Data Management and Data Analysis in Biomedical Research
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. XI.) Field of Specialization (min. total of 48 C)

(I. 2. a. XI. 1. e.) Minor Subject Medical Informatics (min. total of 30 C)

(I. 2. a. XI. 1. e. bb. i.) Area "Medical Informatics" (min. of 3 modules and min. total of 18 C)

Module No.	Module Title	Passed in	ECTS	Lecture Title
**Elective Modules**				
M.Inf.1306	Market Analysis		9	Market Analysis (Lecture and Seminar Project, 2 Terms)
M.Inf.1307	Current Topics in Medical Informatics		6	Clinical Decision Support Systems
M.Inf.1308	Journal Club		3	Journal Club
M.Inf.1309	Biomedical Signal and Image Processing		6	Biomedical Signal and Image Processing
M.Inf.1304	E-Health		6	E-Health
		Total ECTS		

(I. 2. a. XI. e. bb. ii.) Area Health Care System (min. of 1 module and min. total of 9 C)

Module No.	Module Title	Passed in	ECTS	Lecture Title
**Elective 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
M.Inf.1356	Infrastructures for Clinical Research		9	Personalized Medicine
				Clinical Trials

(I. 2. a. XI. 2.) System-Oriented Informatics (min. of 2 modules and min. total of 15 C)

Module No.	Module Title	Passed in	ECTS
		Total ECTS	

(I. 2. b.) Key Competencies (min. total of 12 C)

(I. 2. b. aa.) Job-related Key Competencies (min. of 1 module and min. total of 6 C)

Module No.	Module Title	Passed in	ECTS
		Total ECTS	

(I. 2. b. bb.) Cross-subject Key Competencies (Electives)

Module No.	Module Title	Passed in	ECTS
		Total ECTS	

(I. 2. c.) Electives (min. of 66 C minus the sum of C gained in I. 2. a. + I. 2. b.)
(further modules from the modules in general studies (I. 1. a. or b.)
or the modules in the fields of specialization and key competencies (I. 2. a. or. b.)

Module No.	Module Title	Passed in	ECTS
		Total ECTS	

(I. 3.) Master's Thesis (30 C)

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