

1. Semester (WS19/20)	2. Semester (SuSe20)	3. Semester (WS20/21)	4. Semester (SuSe20,SuSe21)	5. Semester (WS20/21,WS21/22)	6. Semester (SuSe21,SuSe22)	7. Semester (WS20/21,WS21/22, WS22/23,WS23/24)
Media Design (5 ECTS)	Basic Principles of Computer Science for E-Health (10 ECTS)	Programming 1 (5 ECTS)	Project (5 ECTS)	Project (5 ECTS)	Project (5 ECTS)	Bachelor's Thesis in E-Health and Colloquium (15 ECTS)
Human-Computer Interaktion (5 ECTS)		Programming Practical (5 ECTS)	Software Engineering (5 ECTS)	Elective Compulsory Module* (15 ECTS)	Elective Compulsory Module* (15 ECTS)	
Fields of action in eHealth (project) (10 ECTS)	Electronics for E-Health (10 ECTS)	System Engineering (10 ECTS)	Medical Technology (10 Credits)			Entrepreneurial Thinking and Action in Health Care Organisations (10 ECTS)
Physiology and Pathophysiology (10 ECTS)	Legal and Structural Framework of Innovation in E- Health (10 ECTS)	Research Methods (10 ECTS)	Critical appraisal of E-health technologies (10 ECTS)			

1. Semester (WS20/21, WS21/22, WS22/23, WS23/24)	2. Semester (SuSe21, SuSe22, Su Se23)	3. Semester (WS21/22, WS22/23, WS23/24)	4. Semester (SuSe22, SuSe23)	5. Semester (WS22/23, WS23/44)	6. Semester (SuSe23)	7. Semester (WS23/24)
Prozedural Programming (5 ECTS)	Basic Principles of Computer Science for E-Health (10 ECTS)	Internet of Things (5 ECTS)	Programming 2 (5 ECTS)	Algorithm and Data Structures (5 ECTS)	Current topic of E- Health (5 ECTS)	Bachelor's Thesis in E-Health and Colloquium (15 ECTS)
Human-Computer Interaktion (5 ECTS)		Software Quality (5 ECTS)	GT Project - Development (5 ECTS)	Elective Compulsory Module* (15 ECTS)	Elective Compulsory Module* (15 ECTS)	
Basics of Electronics and Mathematics (10 ECTS)	Electronics for E-Health (10 ECTS)	System Engineering (10 ECTS)	Medical Technology (10 Credits)			
Vital Functions (10 ECTS)	Methods in Empirical Research and Epidemiology (10 ECTS)	Project Requirements Elicitation (10 ECTS)	Legal and Structural Framework of Innovation in E-Health (10 ECTS)	Evidence-informed Decision Making (10 ECTS)	Health Information and Joint Decision- Making (10 ECTS)	

* Depending on their specialisation, regular students can choose different “Compulsory Elective Modules” (not all electives are offered every semester, please ask the course coordinator)

- Biosensors (5 ECTS)
- Communication Networks and Protocols (5 ECTS)
- Control Engineering III – Digital Controllers
- Databases (5 ECTS)
- EDA (Circuits and Circuits Boards) (5 ECTS)
- Health Organizations - Economic and Entrepreneurial Acting (5 ECTS)
- Health Organizations - Structures and Processes (5 ECTS)
- Human Resources Management - Healthcare Organizations (5 ECTS)
- Industrial Communication Systems (5 ECTS)
- Lab: Embedded Systems (5 ECTS)
- Marketing in the Health Care System (5 ECTS)
- Media Didactics and E-Learning (5 ECTS)
- Mobile Communication (5 ECTS)
- Quality and Risk Management (5 ECTS)
- Quantitatively oriented Management in Healthcare Organizations (5 ECTS)
- Robotics (5 ECTS)
- Selected Chapters of E-Health (5 ECTS)
- Usability Evaluation (5 ECTS)
- Web Applications (5 ECTS)
- Webdesign (5 ECTS)

