

Curriculum Digital Healthcare

1st academic year

1 st semester	ECTS
Introduction to Digital Healthcare	1
Development of Ideas and Concepts for Digital Healthcare	4
Innovation and Development Processes in the Healthcare Sector	4
Goal-oriented Communication and Consulting	2
Health Care and Management in the Healthcare System	2
Fundamentals of Process Modelling in the Healthcare Sector	2
Fundamentals in Healthcare Technology*	
Fundamentals of Media Production, Distribution and Web Technologies	4
Fundamentals in Programming	4
Fundamentals in Medical Issues*	
Fundamentals of Anatomy	4
Fundamentals of Physiology	4
Specialisation Healthcare Technology Development**	
Web Programming and Technologies	4
Computers and Networks	3
Specialisation Healthcare Technology Assessment**	
Introduction to Media-Assisted Health Pedagogics	4
Research Methods and Study Design	3

2 nd semester	ECTS
Information and Communication Systems in Healthcare	3
Projects - Design and Development in Digital Healthcare	6
Methods of Measurement and Analysis in Healthcare	4
Database Management and Modelling	4
Ethics & Patients' Rights in the Healthcare Sector	2
Fundamentals in Healthcare Technology*	
Fundamentals of Signal Processing	3
Fundamentals in Medical Issues*	
Fundamentals of Pathology	3
Specialisation Healthcare Technology Development**	
Applied Sensor Technology and Electronics	4
Rapid Visual Programming and Prototyping	4
Specialisation Healthcare Technology Assessment**	
Applied Methods of Measurement and Analysis in Healthcare	4
Person-centred Application of Digital Technologies in Healthcare	4

2nd academic year

3 rd semester	ECTS
Evaluation and Optimisation of Digital Healthcare	10
Applied Statistics and Data Analysis	4
Health Law and Legislation	2
Strategic Marketing and Product Management	2
Human Resource Management and Leadership	2
Fundamentals of Public Health and Health Behavior	3
Fundamentals in Healthcare Technology*	
Fundamentals of Data Visualization and Process Management in Clinical Settings	4
Fundamentals in Medical Issues*	
Fundamentals of Prevention, Rehabilitation and Care	4
Specialisation Healthcare Technology Development**	
Emerging Fields and Technologies in Digital Healthcare	3
Specialisation Healthcare Technology Assessment**	
Assessment of Digital Media in Healthcare	3

4 th semester	ECTS
Documentation and Application for Digital Healthcare	6
Master Thesis	18
Electronic Health Records	2
Quality Management in the Health Services	2
Medical Marketing and Market Access	2

* Acquisition of basic knowledge in the other focal area: Students with a technical background learn fundamentals in medical issues while students with a healthcare background attend courses on fundamentals in healthcare technology.

** Students can choose freely between the two specialisations.

ECTS: European Credit Transfer System – Measure for the entire workload for average students to complete a course of lectures positively. One credit point stands for 25 hours of workload (attendance, self-study, examinations etc.).



The current curriculum can be found at: fhstp.ac.at/mdh/inhalte