MSB Medical **School** Berlin
Hochschule für
Gesundheit und Medizin

Digital Health Management M.Sc.

Faculty of Health Sciences

Quick Overview

Start of Studies
October 1

Degree
Master of Science

Study Models/Duration
Full-time: 4 semesters
Special modality:

- Presence at university only during 5 weekends per semester (Thursdays till Mondays, 9 hours each)

- Concurrent employment possible

Profile

The Master's program in Digital Health Management at MSB offers a forward-looking, modern, and interdisciplinary master's degree in computer science, medicine, and management.

The digitalization of the healthcare system offers enormous potential for improving patient welfare. Information and communication technologies will play an indispensable role in the future in providing healthcare services. Telemedicine will be widely used, the use of health records and health portals will continue to increase, and mobile offerings will become standard. To shape the digital transformation in the healthcare system, well-trained academics are needed who form a bridge between information technology, medicine, and the management of legal framework conditions.

The Master's program in Digital Health Management at MSB responds to this development and offers a forward-looking, modern, and interdisciplinary master's degree in computer science, medicine, and management. Technical content is combined with medical and business content. The Master's program is aimed at graduates of business, computer science, and health science bachelor's programs and provides access to one of the most important fields of application in the healthcare system.

Prof. Dr. med. Ehsan Khaljani is Head of the Digital Health Management program.

The Master's program in Digital Health Management is state-recognized and professionally accredited.

Overview

The goal of the Master's program in Digital Health Management at MSB is to train a qualified healthcare professional with in-demand interface knowledge for the integration and networking of medical data. Graduates of Digital Health Management understand and shape the digitalization of both products and services in the healthcare industry. They acquire the necessary skills and knowledge in the field of sensors, computer science, and the statistics of large data sets ("big data") and are able to create basic software applications (e.g. small apps) themselves and understand, explain, and evaluate more complex digital applications.

Their technical competence is supplemented by knowledge of the economic and legal environment of digitalization in the healthcare sector. Therefore, as a graduate, you are familiar with the essential regulatory framework conditions and the peculiarities of the national healthcare system and European health systems. The medical competencies imparted enable you to understand diseases and know the potential need for patient care and digital improvement.

Study content

Building on a first academic degree with a focus on health or economics, the Master's program further internalizes scientific concepts and critically reflects and evaluates them in the context of various occupational fields. You can also apply the insights to new and unfamiliar situations in business practice and deepen your knowledge and skills independently.

You gradually develop a holistic view of the individual areas of value creation in the healthcare industry. You are able to collect, evaluate, interpret, and integrate relevant information in complex initial situations. You also develop communication skills to be able to exchange with experts in the scientific community as well as with professional practitioners.

The Master's program in Digital Health Management is determined overall by four competence fields, which you will find presented in detail in the module overview:

- General subject competence
- Specific subject competence
- Occupation-related action competence
- Methods and social competence

In the practical and theoretical modules, aspiring Digital Health Managers are comprehensively prepared for the various fields of activity in the digitalization of the healthcare system. In the area of general subject competence, special, building economic competencies are conveyed.

In the context of specific subject competencies, topics are treated in depth in the context of the healthcare industry and with a view to industry-specific actions.

In the competence field of occupation-related action competence, you can apply your knowledge to a variety of occupational fields to novel and unusual questions of a company and master the concepts and tools necessary for this.

Within the competence field of methods and social competence, you acquire a wide range of transdisciplinary key qualifications in the Master's program that are required for specialists and managers in companies of all types.

Career

The federal government wants to embark on a digitalization offensive - and the Berlin metropolitan area is to be strengthened in particular. The plan is to develop the capital region into a model region for digitalization in the healthcare sector. From 2020, Federal Health Minister Jens Spahn (CDU) wants to test the use of selected digital applications, such as health apps, in practice in Berlin and the surrounding area - before they are rolled out across Germany. Spahn: „Germany can become a driver of innovation in digital health. We just have to dare to." The model project „Future Region Digital Health" is to have a central anchorage in Berlin/Brandenburg.

Digital health managers can mediate at the interface of product and healthcare system and help digital applications gain market access. Possible areas of application and fields of work include:

- Medical technology companies
- Pharmaceutical companies
- Software companies (app developers)
- Statutory health insurance and private health insurance companies
- Hospitals, outpatient healthcare facilities and nursing homes
- Public/state institutions (authorities, associations)

Tuition Fees
Full-time: 625 euros/month

One-off registration fee
100 euros

Areas of employment
- Medical technology companies
- Pharmaceutical companies
- Software companies
  (app developers)
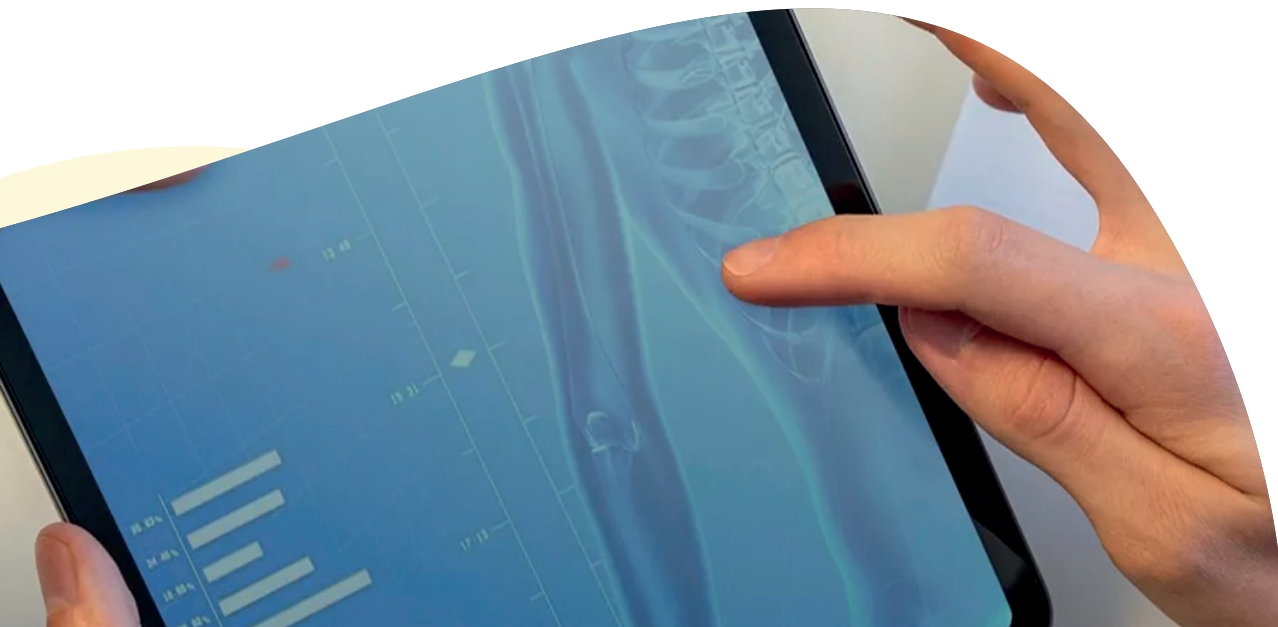- Statutory health insurance

Admission
- relevant university degree qualifying for a profession according to § 10 BerlHG
- completed Bachelor's degree in computer science, business administration, or health science
- for foreign study applicants, proof of education according to § 11 BerlHG

Study Plan

Moduls | Master's program Digital Health Management

Areas of expertise	Modules	Modules/Courses	Semester	CP*
General	M1	Business Models in the Digital Economy	2	5
	M2	New Work & eLeadership	2	5
	M3	Digital Transformation & agile Management	2	5
			Sum	15
Specific	M4	eHealth (Application and Areas: Professional centered)	2	5
	M5	Data-Management & Business Intelligence	3	5
	M6	eHealth (Technologies)	1	5
	M7	Medical Diagnosis and Procedures	1	5
	M8	Biomedical Ethics & Regulatory Affairs	4	5
	M9	Strategic Corporate Management	1	5
	M10	eHealth (Applications and Areas: Patient centered)	3	5
	M11	Health Economy	2	5
			Sum	40
Practical	M12	Project: eHealth- Business Development	2	5
	M13	Internship	3	20
			Sum	25
Methodic	M14	Training Soft Skills & Intercultural Studies	1	5
	M15	Elective Subject	3	5
	M16	Research Methodology & Tutorial Master Thesis	3	5
	M17	Master Thesis & Colloquium	4	25
			Sum	40
			Total	**120**

* CP – Credit Points

About MSB Medical School Berlin
Our university - Interdisciplinary studies

MSB Medical School Berlin - University of Applied Sciences for Health and Medicine is a private, state-recognized university located in Rüdesheimer Straße in Berlin-Wilmersdorf. It was founded in 2012 by Managing Director Ilona Renken-Olthoff. Since then, numerous Bachelor's and Master's degree programs have been successfully accredited or reaccredited. Since 2020, MSB has also been offering the state examination course in human medicine at the Faculty of Medicine, which is special because it combines a university of applied sciences and a university with its three faculties. MSB focuses on a consistently interdisciplinary and interprofessional approach to teaching and research in order to train you as a health professional in the long term.

Our campus in Berlin - flourishing & developing

MSB offers a unique learning atmosphere with the campus in Rüdesheimer Strasse, the "Mecklenburgische Strasse" campus and the "Leipziger Platz" campus. The latest technology, modern interior design and an exciting university life with many events form the special all-round package. Blossom in a unique learning atmosphere in the heart of Berlin and develop yourself with a variety of opportunities for personal encounters and individual exchange in our university family.

What we offer you
Your benefits at a glance

→ a high-quality, innovative and interdisciplinary range of courses

→ A broad network of expertise with companies and international universities

→ Variable study models and family-friendliness

→ a high quality of service and open, transparent cooperation

→ NC-free entry to studies without tight application deadlines

→ exclusive ambience and exciting campus life

→ learning in small groups and a family atmosphere

We will be happy to advise you. Contact us so that we can arrange an appointment:

MSB Medical School Berlin
University for Health and Medicine
Rüdesheimer Straße 50
14197 Berlin

We are available monday to friday from
08:00 - 17:00
Telephone: +49 30 76 68 37 5 600

info@medicalschool-berlin.de

facebook.com/MSBMedicalSchoolBerlin

medicalschool-berlin.de

@msbberlin