



SRH Berlin University of Applied Sciences &
SRH University of Applied Health Sciences

Computer Science:
Health Informatics | B.Sc.

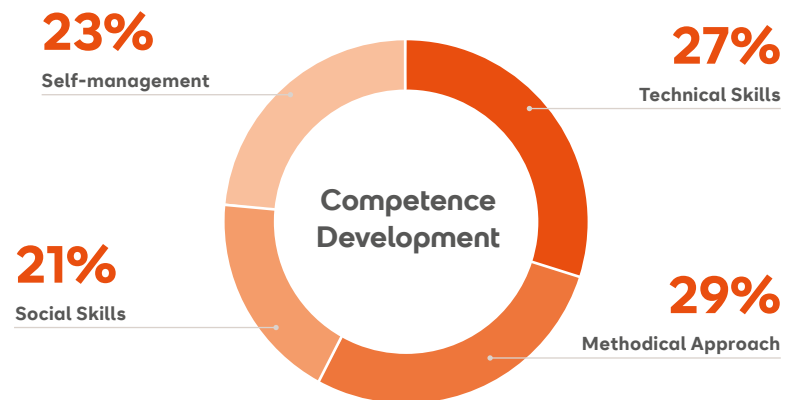
Berlin School of Technology

Our Unique Curriculum for You

This Bachelor's programme takes our business-driven B.Sc. Computer Studies to a new level and focuses on an exciting growth market: The digitisation of the health industry. With this degree, you will know how to handle internet, cloud, and mobile technologies in high demand by companies and health institutions of all sizes. You will learn to conceptualise, configure, and deliver applications and multimedia systems for patient-centred digital health products and services. Into coding? You will deepen your expertise in essential programming paradigms and the associated markup languages.

Competencies and Curriculum

- Tools & Methods of Data Analysis
- Software Development
- Artificial Intelligence in Healthcare
- Agile Project & Risk Management
- Digital health and remote medicine



Semester 1

Mathematics I
Social Medicine and Health Sciences
eHealth and Telemedicine
Legal Basis
Scientific Work
Personal Skills

Semester 2

Mathematics II
Programming I
Artificial Intelligence in Healthcare
Algorithms and Data Structures
Statistics

Semester 3

Data Visualisation
Languages I
Programming II incl. Programming Lab
Computer Networks
Computer Security
Operating Systems / Web Computing

Semester 4

Software Engineering
Introduction to Cloud Computing
Languages II
Embedded Systems
Databases
Health Games and Innovation Management

Semester 5

Introduction to Internet of Things (IoT)
Imaging Technologies
Languages III
Engineering Teamwork I: Applied Computer Science Lab
Engineering Teamwork III: AI and Autonomous Systems Lab
Research and Development Methods

Semester 6

Agile Project and Risk Management
Internship / Company Project / Research Project
Bachelor's Thesis and Colloquium

Your Future Career

With a degree in Health Informatics, you can work as a system software engineer, system administrator, or IT security consultant. Your specialist knowledge in interface design and app development make you a sought-after expert in the growing area of digital healthcare, and your interdisciplinary IT and business education root you firmly in the current and future job market.

Your Success Is Our Mission

- State-accredited programmes recognised worldwide
- Practical approach through internships, case studies, field trips
- Learn from industry professionals
- Interactive, fun learning centred on individual support
- Personal guidance by our Career Service
- "Customise your studies" exclusive offer
- 114 partner universities for exchange semesters abroad
- Students from 100+ countries provide international flair

Financing Your Studies

- EU students have access to 100% financing via "Study Now, Pay Later", solidarity-based initiatives designed to allow equal opportunities for all. Reimbursement starts after graduation and after reaching a minimum income threshold.
- Non-EU students can take advantage of student loans/scholarships in their home country.
- Remarkable students may be considered for our Scholarship Programme and win up to 50% on their year 1 tuition fees.

"Digital transformation in the health-care setting is on its way. It will lead to substantial changes in healthcare management and services. The time to prepare is now."

Key Facts and Figures

Start

April and October

Duration

3 years

Mode

Full time

Credits

180 ECTS

Degree

Bachelor of Science

Language

English

Tuition Fees

EU: €790 per month

Non-EU: €5,500 per semester

CORE Principle

Find all information on our CORE Principle here:

www.srh-berlin.de/en/core



Prof. Dr. Dr. Philipp Plugmann
Professor

The Bachelor's Programme That Turns You into a Digital Health Expert

Berlin School of Technology

The Berlin School of Technology, located in the west of Berlin, focuses on innovative and interdisciplinary Bachelor's and Master's degrees in the fields of engineering and computer science. The study programmes support the increasing demand in areas such as renewable energy, artificial intelligence and e-mobility. In addition to expert knowledge, you will gain insight into fundamental business operations and the chance to further develop your soft skills. Our programmes also includes various integrated projects, which allow you to directly apply your knowledge and skills in practice.

Entry Requirements

- General university entrance qualification (Abitur) or subject-restricted higher education entrance qualification (Fachhochschulreife)
- Alternatively: At least two years of vocational training as well as three years of work experience
- Please note: applicants with foreign degrees might be eligible for direct entry
- Proof of English language proficiency
- Curriculum vitae
- Copy of your passport/ID

Any questions?
We're happy to help out.
Email us or give us a call.
+49 30 515 650 200
studyinberlin@srh.de
www.srh-berlin.de/en

Find out more!

