OVERVIEW

Degree
• Bachelor of Science (B.Sc.)

Duration
• 7 semesters

Start
• October (winter semester)

Admission requirements
• General university entrance qualification

Background knowledge
• Prior knowledge in economics or science-based subjects are beneficial
• Basic programming skills

Further qualifications
• Master Medical Informatics
• Master Business Informatics
• Master Strategic and International Management

Fees
• No tuition fees
• Student service fees €52 per semester

Campus
• European Campus in Pfarrkirchen, Germany

APPLICATION

Application period
• 15 April – 15 July

Online application
• www.th-deg.de/application

Notice of acceptance or denial
• Via email by August

Enrolment
• Via regular mail by mid August

Late placement for open places
• Via waiting list

Prep courses
• In September: www.th-deg.de/prep-courses

Semester start
• 01 October

www.th-deg.de/hi-b-en

CONTACT

Are you interested in this Health Informatics bachelor degree and would like to find out more?

Enquiries about the course
Email: hi-info@th-deg.de
Web: www.th-deg.de/hi-b-en

General enquiries about studying at DIT
Email: io-ecri@th-deg.de
Web: www.th-deg.de/en/international-office
This degree course educates students to become computer scientists in the health industry. Informatic based, medical, scientific and technical knowledge in healthcare and in the healthcare industry are influential in management. This course provides knowledge and skills to design information systems for the healthcare sector and throughout the healthcare industry to develop, configure, operate, and comply with the applicable rules and regulations.

CAREER PERSPECTIVES

- System development
- System administration
- IT safety and security in healthcare
- Process manager
- System analyst
- IT security manager
- Medical Technology
- Compliance coordinators
- Distribution of medical products
- Clinical studies
- Telematics and eHealth

1) The “Foreign Language I-IV” modules are advancing foreign language courses which are fixed in the curriculum. Students whose native language is not German, are required to complete four consecutive German language courses (German I-IV), each consisting of 8 hours per week.

COURSE CONTENT

1. Sem.

2. Sem.


4. Sem.

5. Sem.
- Internship (18 weeks)
- Block seminar accompany the internship (PLV) 1
- Block seminar accompany the internship (PLV) 2

- Social Processes and Communication, Knowledge Management, IT-Project Management, Case Study IT-Project, Hospital Logistics, Logistics for Medical Technology and Medical Devices, Computer-supported Collaborative Work, Groupware
- One mandatory elective module (FWP)
- FWP-1 - Evidence-based Medicine
- FWP-2 - Telematics in the Healthcare Industry
- FWP-3 - Data Analysis and Data Mining

7. Sem.
- Managed Care, IT-Organisation, Computer Center-Management, Management and IT-Consulting, Business Game: Medical Information Systems
- Bachelor thesis

CAREER PERSPECTIVES

- Managed Care, IT-Organisation, Computer Center-Management, Management and IT-Consulting, Business Game: Medical Information Systems
- Bachelor thesis

The students will acquire:
- Comprehensive technical knowledge from the field of healthcare informatics which enables them to directly solve problems and to assume leadership roles in healthcare facilities, institutions and organizations
- Social and methodological competencies which allow them to act confidently and competently in a complex, multi-professional and intercultural environment.

Healthcare Informatics graduates are able to carry out both scientifically founded and ethically insightful work on the basis of a systematic approach. The integrated practical study semester which takes place in selected healthcare institutions, organisations and businesses in close coordination with the DIT helps to achieve this goal.

In achieving the outlined qualification goals, the programme’s applied orientation is of special importance.

The application and transfer of scientific knowledge to concrete, current issues in the field of healthcare informatics will be ensured through the programme’s focus on various fields of application. The content and structure of the course opens up the opportunity for students to gain in-depth, interdisciplinary and process-oriented insights into an area of application from early on in their studies.