

## OVERVIEW

### Degree

- Bachelor of Science (B.Sc.)

### Duration

- 7 semesters (3.5 years)

### Semester start

- Wintersemester, 01 October

### Admission requirements

- University entrance qualification

### Background knowledge

- Prior knowledge in economics or science-based subjects programming skills
- Basic programming skills

### Further qualifications

- Master Medical Informatics
- Master Business Informatics
- Master Strategic and International Management

### Course language

- Englisch

### Study Location

- European Campus Rottal-Inn, Pfarrkirchen

## APPLICATION

### Application period

 [th-deg.de/deadlines-b](https://www.th-deg.de/deadlines-b)

### Online application

- In the Primuss portal at [www.th-deg.de/en/apply](https://www.th-deg.de/en/apply)

### Deadline for submitting documents

- Proof of university entrance qualification before 27 July

### Notice of acceptance or denial

- in the Primuss portal until mid August

### Enrolment

- You will find information on this in the admission notice

### Late placement for open places

- Via waiting list

### Prep courses

- In September [www.th-deg.de/prep-courses](https://www.th-deg.de/prep-courses) (no obligation)

## STUDY LOCATION


European Campus Rottal-Inn  
Max-Breiherr-Strasse 32  
84347 Pfarrkirchen, Germany  
[www.th-deg.de/ecri](https://www.th-deg.de/ecri)




## CONTACT


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

### Enquiries about the course

 [www.th-deg.de/hi-b-en](https://www.th-deg.de/hi-b-en)

### General enquiries about studying at DIT

 [welcome@th-deg.de](mailto:welcome@th-deg.de)

 [th-deg.de/en/study-with-us/info-for-internationals](https://th-deg.de/en/study-with-us/info-for-internationals)



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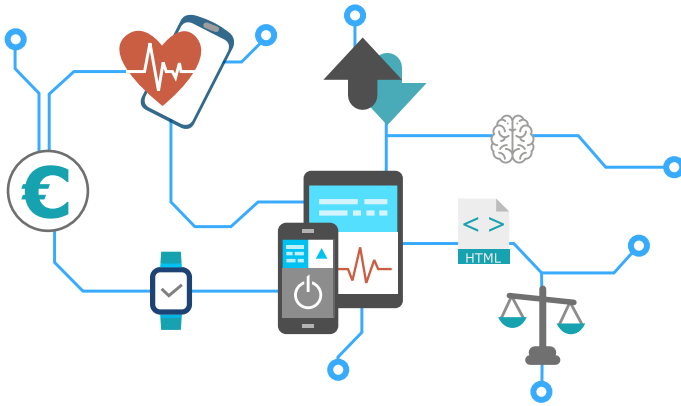
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## DEGREE DESCRIPTION

### 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.



## DEGREE DESCRIPTION

Many healthcare processes can only be managed with comprehensive IT support. Informatics in the healthcare sector supply the healthcare industry with IT solutions and work mainly at the interface between informatics, medicine and medical care, the pharmaceutical sector, medical technology and administration.

Career prospects for computer scientists in the healthcare sector are currently excellent. After graduating, you will be sought by the following employers:

- Medical technology and medical software manufacturers
- Healthcare service branches (logistics, software development, consulting)
- The pharmaceutical industry
- Hospitals and rehabilitation facilities
- Health portals
- Health insurance companies
- Consulting firms
- Providers of IT services
- Providers of health apps
- Manufacturers of fitness gadgets
- Associations, authorities

## COURSE CONTENT

Semester 1+2 <b>Basic Study</b>	<b>General scientific fundamentals in:</b> <ul style="list-style-type: none"> <li>• Natural Sciences</li> <li>• Computer Science</li> <li>• Programming</li> <li>• Databases</li> <li>• Economics and Law</li> <li>• Foreign Language I + II</li> </ul>
Semester 3+4 <b>Deepening</b>	<b>In-depth knowledge in:</b> <ul style="list-style-type: none"> <li>• Medical Documentation</li> <li>• Medical Technology</li> <li>• Applications of Healthcare Informatics</li> <li>• Economy and Management</li> <li>• Data Security</li> <li>• Foreign Language III + IV</li> </ul>
Semester 5 <b>Practice</b>	<b>Practical component:</b> <ul style="list-style-type: none"> <li>• Internship (18 weeks)</li> <li>• Block seminars accompany the internship PLV 1 + PLV 2</li> </ul>
Semester 6+7 <b>Specialization</b>	<b>Specialization and orientation:</b> <ul style="list-style-type: none"> <li>• Communication</li> <li>• Logistics</li> <li>• Collaborative Work</li> <li>• Managed Care</li> <li>• Management and IT Consulting</li> <li>• <b>Bachelor Thesis</b></li> </ul>

Follow this link to find out more details of course content in the [Health Informatics module handbook](#): [www.th-deg.de/en/ecri/courses/hi-b-en/module-handbook](http://www.th-deg.de/en/ecri/courses/hi-b-en/module-handbook)

## COURSE AIM

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.

