



COMPUTER SCIENCE Profile of Educational Programme

Degree	Specialty	Educational programme	Duration of studies
Bachelor	Computer Science	Computer Science	3 years 10 months (8 semesters)
Master	Computer Science	Computer Science	1 year 4 months (3 semesters)

WHAT STUDENTS STUDY

- Algorithms and Data Structures
- Web-Technologies and Web-Design
- Programming Paradigms
- Database, Data Warehouse, Data Mining
- Computer Graphics
- Client-Server Application Development
- Artificial Intelligence
- Computer Networks and Communications
- Information Security
- Machine Learning
- High Performance Computing
- Cloud Technologies
- Internet of Things
- Big Data
- Blockchain Technologies and Cryptocurrencies
- Digital Transformation
- IT Project Management
- Mobile Information Systems

ADVANTAGES OF CHOOSING THIS PROGRAMME

- Integrated curricula with USA and Western European universities
- Intensive student mobility
- Internship in local IT companies
- Opportunity to join and be involved in the IEEE student branch activities
- Participation in international research and educational projects
- Attendance of international conferences, symposiums, summer and winter schools
- Master theses under double supervision and double degree program with Dortmund University of Applied Sciences and Arts and Berlin University of Applied Sciences, Germany

Graduates can pursue a career as data scientists, machine learning operations engineers, cloud computing engineers, systems analysts, software, web or mobile application developers, UX designers, database administrators, project managers, information systems managers.