Study Schedule

University of Rostock

FACULTY OF COMPUTER SCIENCE
AND ELECTRICAL ENGINEERING

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Degree
Bachelor of Science (B.Sc.)

Type of Program
undergraduate (with a first academic degree)
one major subject degree (not combinable)
Language: German

Purpose and objective
Business Information Systems is a course of studies combining business administration and computer science. Computers and information systems are an essential part of everyday work in nearly all industrial areas and public service sectors. Information systems support administration and production processes, optimize work flow and logistics, enable electronic commerce solutions, and support distributed work groups as well as many more tasks.

However, these information systems are not isolated, rather they operate in an organizational context and they are used by people. Only when all parts of such a socio-technical system work well, users and organizations will accept them as supportive and efficient. Achieving this requires understanding of two perspectives: business administration as well as development of information systems.

Students of Business Informatics are trained to work as mediator between those who build computer and software systems and those who utilize them.

Content of the Bachelor program
The studies are scheduled to last seven semesters including the preparation of the Bachelor thesis and an internship. Basic knowledge of business administration, computer science, and the interdisciplinary field between these two are thoroughly covered. Students will become familiar with methods of mathematics as well as fundamental economic and legal matters. Scientific work, arguing and debating will be trained in several seminars and tutorials. In a project course, students will have to prove themselves in practice as a functioning part of a team. The Business Information Systems studies provide advanced insight into enterprise modeling, project management, software engineering and database systems, to name only a few. In the specialization “Business Informatics” an integral part of the Bachelor program is continuous development of both general and subject-specific language skills.

Career prospects
Successful graduates of the Bachelor program qualify for employments in basically any business or public sector applying, improving or developing information systems and IT-based organizational solutions. Having learned to work in a problem-oriented manner utilizing several fields of knowledge and considering social questions, graduates are employable for a variety of areas, including process improvement, software development, IT services or consultancy. Furthermore, the graduates are prepared for interdisciplinary teamwork, i.e. to analyze problems and to develop solutions in cooperation with partners from different fields.

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