

Double Degree

Master of Science (M.Sc.) in Business Information Systems

Double Degree. Double the Opportunities. On an International Level.

If you want to take your education and career prospects to an international level, a double degree program is an interesting opportunity for you. Rostock University offers a two year Master's program in business information systems in cooperation with the National Research University for IT, Mechanics and Optics (ITMO University) in St. Petersburg, Russia. Graduates of the study program receive two degrees:

- in Germany: Master of Science in Business Information Systems
- in Russia: Master's degree in Business Informatics
(Магистр бизнес-информатики)



ITMO UNIVERSITY

As part of the program, students enrolled at Rostock University will have to study either one or two semesters in St. Petersburg where classes are taught in English. The Double Degree basically is an extension of the existing Master program in Business Information System at Rostock University, which had to be prolonged by one semester to reach the number of credits required for a Master's degree in the Russian program. The content of the additional semester is a project-oriented research work.

Career prospects

Graduates of the double degree program have all job opportunities of a conventional M.Sc. in business information systems (see below) plus the advantage of second degree from Russia. This is attractive for all industry domains which either address the Russian market or run production sites in Russia. Examples are automotive industry, wood-related industry, chemical and process industries, electronics and household products or mechanical engineering.

Graduates of study programs in business information systems qualify for employments in basically any business or public sector applying, improving or developing information systems and IT-based organizational solutions. With the ability 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. The Master's degree prepares for management positions in industry, public authorities and service sectors; leading positions in technology, systems and method development; continued studies in PhD programs; establishing own business in innovative sectors of IT and service markets.

Purpose and objective of the Master study course

The Master's degree study course combines advanced subjects regarding concepts, methods and technologies in computer science and information systems with subjects related to business management and management sciences. The program covers various aspects, like



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- the use of models in the design of information systems and the implementation of models in information systems
- business intelligence and advanced database systems
- knowledge management, knowledge representation and knowledge-based systems
- management, specification and analysis of enterprise information systems

Many of the compulsory courses are in the field of computer science and information systems. In the compulsory courses in the field of business management and management sciences however, the emphasis is on service management.

The Master of Science in Business Information Systems is a research-oriented study course, i.e. completing this master course serves as a prerequisite to acquire further scientific qualifications. Such a Master's degree commonly is an admission requirement for doctoral studies that include the further development and the specialization of skills in autonomous scientific work. Graduates will proceed systematically and scientifically to solve problems in their area of studies based on their knowledge in computer science, information systems and business administration.

Enrolment

There is an admission restriction due to a maximum number of students. Thus, an application is required. It has to be submitted latest **until June 1 in Rostock** and July 15 in St. Petersburg if you plan to start your studies in winter term. Enrolment in the summer term would also be possible but is not recommended.

Admission requirements

(1) As main admission requirement for the Master study course Business Information Systems, a Bachelor of Science (with at least 210 credit points or comparable degree) has to be proven a) in the field Business information Systems or b) in the field Computer Science with at least 30 credit points in Business Administration.

(2) The admission for the master study course Business Information Systems at the University of Rostock is subject to the following additional conditions. 1. Applicants have to prove at least 15 credits in mathematics. 2. Foreign applicants have to verify sufficient German language skills. This can be proven by B2-certification or DSH-2 or a stay in German speaking country over at least 3 years or equivalent performance. Native speakers are exempted from these verification obligations.



Contact

If you are interested to study the double degree program, please take contact to the business information systems team at Rostock University:

- Prof. Dr. Kurt Sandkuhl, Director of the Double Degree Master's program (kurt.sandkuhl@uni-rostock.de)
- Prof. Dr. Michael Fellmann, Prof. of business information systems
- Dr. Birger Lantow, Vice-Director of the Double Degree Master and Head of the Bachelor's program in business information systems

More information about ITMO University

Please visit <http://www.ifmo.ru/>



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