SCHOOL OF BUSINESS
INFORMATICS AND MATHEMATICS
INTERNATIONALLY CONNECTED
Dear Present and Future Partners,

As the Dean of the School of Business Informatics and Mathematics my primary objective is to ensure we are meeting the needs of our students, scholars, and partner universities. Internationalization, a maximum focus on the practical application of our education, proactive efforts to establish solid contacts with companies, and securing an increase in the overall proportion of women — strategic goals which I have been pursuing since 2011.

In a globalized world national borders are not barriers anymore. Internationalization in education and research is facilitated by new technologies, like the Internet, and is becoming a crucial feature of world-leading universities. Enjoy reading this booklet; it is an opportunity to get an impression of our internationally orientated activities.

I am looking forward to welcoming you, as well as students and scholars of your university, to Mannheim!

Heinz Jürgen Müller
Dean
Founded in 1907, the University of Mannheim is one of the best universities in Germany. Various rankings, awards and evaluations continue to affirm its outstanding reputation in research and practice. Most departments of the university are located in the Mannheim Palace - after Versailles, France, the largest baroque palace in Europe. With 25,000 students - 1,700 international students - and approximately 1,500 employees, it is a medium-sized university, which ensures a personal atmosphere and small tutorial classes. Due to its international orientation, the University of Mannheim has adapted its academic calendar to international standards:

**SPRING TERM:** FEBRUARY TO MAY  
**FALL TERM:** SEPTEMBER TO DECEMBER

The School of Business Informatics and Mathematics was founded in 2011.

Two institutes form the School: the Institute for Computer Science and Business Informatics and the Institute of Mathematics. A unique feature is the strong cooperation between the Faculty and the highly esteemed Business School and the Department of Economics of the University of Mannheim. The departments command top places in the highly regarded university ranking conducted by the German business weekly “WirtschaftsWoche.” This survey reveals that there is high demand among employers for graduates of Business Informatics and Business Mathematics. Excellent contacts in business and industry provide us an open door to valuable internships and future jobs for our students.

1000 STUDENTS  
Number of enrolled students in 2013  
(Spring semester):

**B.Sc. Business Informatics:** 217 students  
**M.Sc. Business Informatics:** 280 students  
**B.Sc. Business Mathematics:** 295 students  
**M.Sc. Business Mathematics:** 67 students
BUSINESS MATHEMATICS

The aim of our Bachelor’s program is to convey fundamental methods and practical knowledge in the fields of Business Studies, Economics and Mathematics.

Developing competencies in neighboring disciplines is of special importance, since it provides the sound training needed for the successful execution of corporate assignments at the intersection of operational applications and technical implementation. In addition to basic Mathematics, undergraduate teaching provides knowledge in Applied Mathematics. The Bachelor’s program in Business Mathematics is only offered in German, and exchange students with German language skills are very welcome to join!

The School of Business Informatics and Mathematics offers the Master of Science in Business Mathematics in cooperation with the Business School and the Department of Economics. After completion of a Mathematics-related Bachelor’s degree that is comprised of both Mathematics and Business components (that is, Economics and Business Studies) to a satisfactory extent, students can apply to this four-semester Master’s degree program. The first academic year provides students with training in advanced areas of both mathematics and business studies. The second academic year serves for the preparation and writing of the Master’s thesis. Students have the possibility to choose from a variety of courses taught in English.

BUSINESS INFORMATICS

The Bachelor in Business Informatics (6 semesters) conveys the fundamentals in Business Studies, applied Computer Sciences and Information Systems.

Its comprehensive nature also includes an education at the interface of Business Studies and Information Technology. This offers a unique profile tailored to fulfill individual interests with an elective subject and training in key qualifications such as presentation and project management. Approximately 20% of courses are offered in English.

The goal of the Master’s program is to provide access to the Master of Science not only to Bachelor of Business Informatics graduates but also to other qualified Bachelor graduates. Within a two-year curriculum courses provide deepened knowledge in Information Systems, Computer Sciences and Business Studies. Subsequently, an elective taken from the area of Business Studies as well as a focus area (Specialization Track) generate a targeted specialization for an occupation in industry or a stepping stone to an academic career. Presently, the offered Specialization Tracks include:

- Information Technology
- Systems Design and Development
- Enterprise Applications
- Data and Web Science
- Dependable Systems

Many of the courses are offered in English, offering students the opportunity to complete their Master’s program completely in English.
INTERNATIONAL

We are proud of our cooperation with 30 partner universities worldwide.

Furthermore, we can benefit from the university-wide exchange programs, for which students of all faculties can apply. In addition to student exchanges, we are interested in the following types of international cooperation:

- Summer courses
- Guest researcher exchanges (up to six months)
- Guest professors on sabbatical leave (up to one year)
- Guest post docs or assistant professors in order to extend course offerings in English (one academic year)
- Joint summer schools
- Joint research programs
- Joint conferences and workshops
- Shared video lectures
- Joint production of e-learning material

The Institute for Computer Science and Business Informatics consists of 11 Chairs dedicated to Data Management, Software Development, Web Technologies, Process Modeling, Mobile and Visual Media. Their common point of interest is the management of complex data for society and for the economy.

The Institute of Mathematics and its 11 Chairs focus on classical mathematical disciplines as well as on Economics and on the practically oriented fields of mathematics. The areas of research include: Algebra, Analysis, Geometry, Stochastics and Mathematical Statistics, Mathematics in Finance and Insurance.

Many projects of both institutes are supported by third party funding from state and private sources.
Home to 350,000 people, Mannheim is the second largest city of the state Baden-Württemberg.

Mannheim is also known as Grid City (Quadratestadt) because of its particular street pattern. This type of urban planning can be found in one other popular city: New York. The city center is small enough to explore on foot, yet it also provides many of the benefits of urban life: parties, museums, bars, shopping centers and small, distinct shops. Located near two International airports and because of its outstanding train connections, Mannheim is the ideal starting point to discover Germany and neighboring countries, like Switzerland and France.
International partner universities and exchange students, as well as universities interested in academic co-operation for student and staff exchanges, can contact Katharina Schroeder-Niederhacke at the Dean's Office of the School of Business Informatics and Mathematics.

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International Office of the University of Mannheim
- Nomination process for exchange students
- Agreements with partner universities
- Support for outgoing and incoming exchange students
- Support for international degree-seeking students
- Welcome Center for international scholars and staff

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