

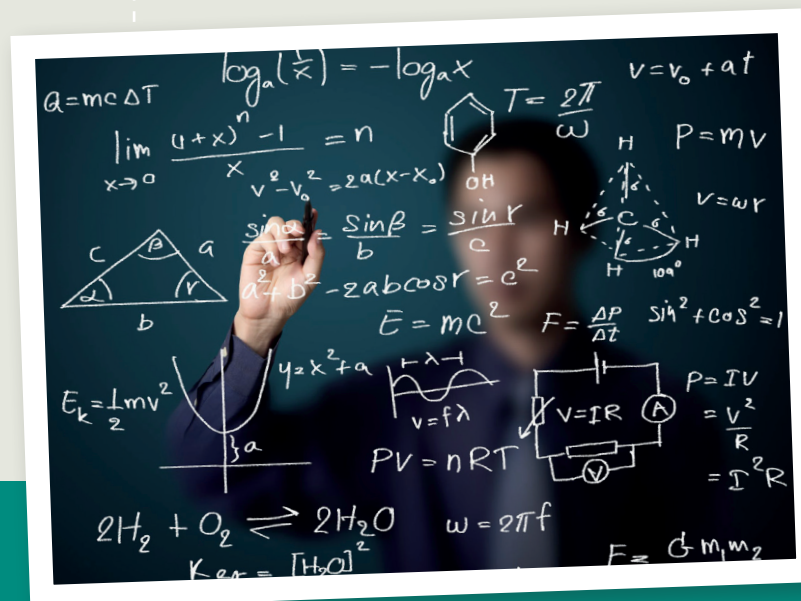
ANY FURTHER QUESTIONS?

Visit us online: [www.wim.uni-mannheim.de](http://www.wim.uni-mannheim.de)

We are happy to help.



University of Mannheim  
School of Business Informatics and Mathematics  
B6, 26  
68131 Mannheim  
Germany



## MASTER OF SCIENCE (M.Sc.) IN BUSINESS MATHEMATICS

### UNIVERSITY OF MANNHEIM SCHOOL OF BUSINESS INFORMATICS AND MATHEMATICS

#### Business Mathematics Specialists...

... apply their knowledge to business procedures through formulas – an ability which is increasingly in demand as processes in almost all economic sectors become more and more complex. Particularly good job prospects can be found in the insurance and banking industries, in software development, management consulting, market research and in auditing.

International Office of the University of Mannheim

- Applications
- Agreements with partner universities
- Support for outgoing and incoming exchange students
- Support for international degree-seeking students
- Support for international scholars & staff

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## GRADUATES FROM THE UNIVERSITY OF MANNHEIM

- Mannheim graduates have excellent career prospects. The School of Business Informatics and Mathematics offers the interdisciplinary Master's program in Business Mathematics in close cooperation with the Business School and the Department of Economics.
- Many internationally renowned academics with excellent commercial contacts teach in Mannheim.
- There are numerous companies of genuine international standing in direct proximity to Mannheim which provide abundant opportunity to make many valuable contacts during your study year(s).

## WE OFFER:

- Choice of Mathematics as a focal point
- Advanced options in Business Administration and Economics
- The opportunity to pursue a doctorate
- Superbly equipped libraries and lecture halls
- Active guidance for those starting out in their careers
- Outstanding career opportunities in a wide variety of sectors

## STRUCTURE OF THE PROGRAM

In the first year of study you will learn about advanced areas of Mathematics and Economic Sciences.

The second year of study is designed for the preparation and completion of the Master's thesis. Within the discipline of mathematics you have the option of choosing one subject as the main emphasis, and you will also pursue Business Administration and Economics course elements.

Upon acquisition of your Master's degree, you will have the option of pursuing a doctorate.

The School of Business Informatics and Mathematics endeavors to increase the number of courses offered in English.



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## BACHELOR OF SCIENCE (B.Sc.) IN BUSINESS MATHEMATICS

### UNIVERSITY OF MANNHEIM SCHOOL OF BUSINESS INFORMATICS AND MATHEMATICS

#### Mathematics awaits you everywhere!

Everyone knows that bankers juggle figures every day. But mathematics can also be found in any place where future developments and trends are being predicted.

The objective of the program is to show you how to translate business and technical problems into the language of mathematics and how to solve them using mathematical models. It is often the case that more than one particular mathematical model might be suitable – that's what makes it fascinating!

## WHY STUDY BUSINESS MATHEMATICS IN MANNHEIM?

**You will find that Mannheim is an ideal place for you to study Business Mathematics.**

- The School of Business Informatics and Mathematics offers the interdisciplinary Bachelor's program in Business Mathematics in cooperation with the Business School and the Department of Economics.
- In the Rhine-Neckar metropolitan region there are many companies of genuine international standing in close proximity to the university. You will benefit from outstanding commercial contacts and the many different ways of gathering information about various potential careers by way of internships.
- During the course of your degree you will have the opportunity to choose from a large number of key qualification courses and career-related skills such as project management, presentation and communication, media practice and/or Business English.

## STRUCTURE OF THE PROGRAM

In the basic phase, terms one and two, you receive broad-based teaching in the fields of Mathematics, Business Administration and Economics.

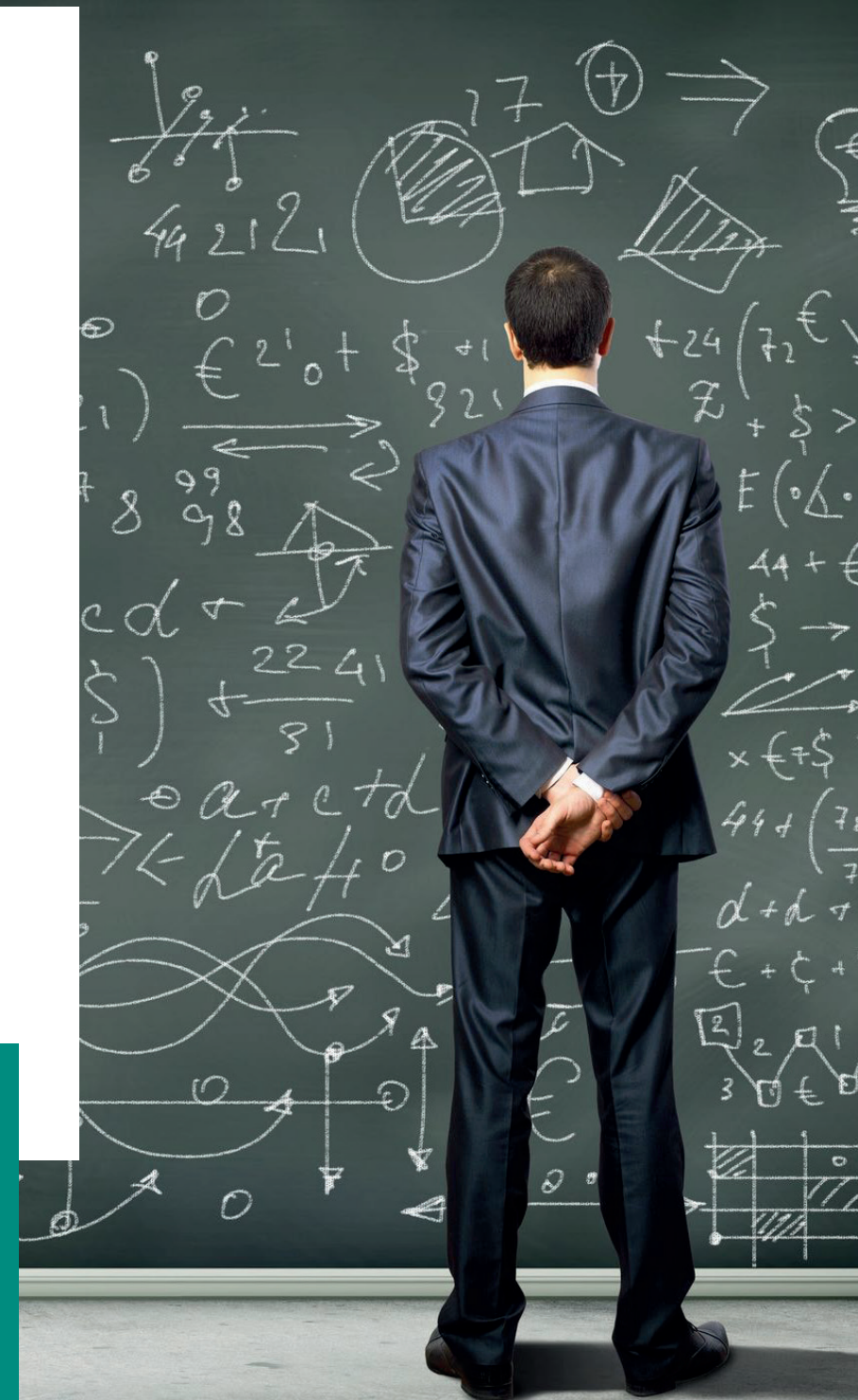
In the specialization phase, you will have the opportunity to focus on Business Administration or Economics. And as early as the fourth term you can combine various compulsory courses from the fields of Mathematics, Computer Sciences and Economic Sciences.

In addition, you will be able to choose the courses you are most interested in from a broad spectrum of key qualification courses on offer.

The Bachelor of Business Mathematics is mainly offered in German.

## WE OFFER:

- 55% Mathematics + 45% Economic Sciences
- Advanced study of Business Administration and Economics
- Access to a variety of M.Sc. programs
- Small tutorial classes
- Superbly equipped libraries and lecture halls
- Active guidance for those starting out in their careers
- Outstanding career prospects





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## MASTER OF SCIENCE (M.Sc.) IN BUSINESS INFORMATICS

### UNIVERSITY OF MANNHEIM SCHOOL OF BUSINESS INFORMATICS AND MATHEMATICS

The University of Mannheim offers one of the best and most renowned study programs in Germany on this subject. Students and graduates benefit from the know-how available in Germany's top IT region. Furthermore, the geographic proximity to large and medium-sized IT enterprises offers countless chances to acquire work experience even during the degree program.

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## GRADUATES FROM THE UNIVERSITY OF MANNHEIM

- apply their knowledge of computer science to business operations: they understand complex business processes and implement information systems in order to optimize these processes – knowledge which is in high demand in almost all sectors in a progressively digitalized world. Graduates of Mannheim's Business Informatics program can be found in excellent positions in companies such as SAP, IBM, Accenture, McKinsey, BASF and in telecommunications firms.
- are the interface between management and IT: whether modeling information and communication systems, developing and adapting modern IT systems, or leading national and international IT projects, they combine comprehensive IT knowledge and a deep understanding of industries, contributing decisively to the success of an enterprise.

## WE OFFER:

- High quality of education
- Great flexibility and specialization possibilities
- Students benefit from the know-how available in Germany's top IT region
- One-year, practical team project integrated into the program of study
- Excellent job prospects and career opportunities
- Access to doctoral studies

## STRUCTURE OF THE PROGRAM

The concept of the Master's program in Business Informatics is characterized by flexibility and many opportunities to specialize.

Your career goals and personal interests will guide you into your specialization in one of the three areas: Business Informatics, Informatics and Business Administration.

In addition to its grounding in research, characteristic of the Master in Business Informatics program at the University of Mannheim is also its orientation to applicability, which is guaranteed through collaboration with renowned industrial partners.

A half or full year-long team project offers the opportunity to take part in research ventures, which are interdisciplinary to a great extent, and to prepare optimally for a career in research.



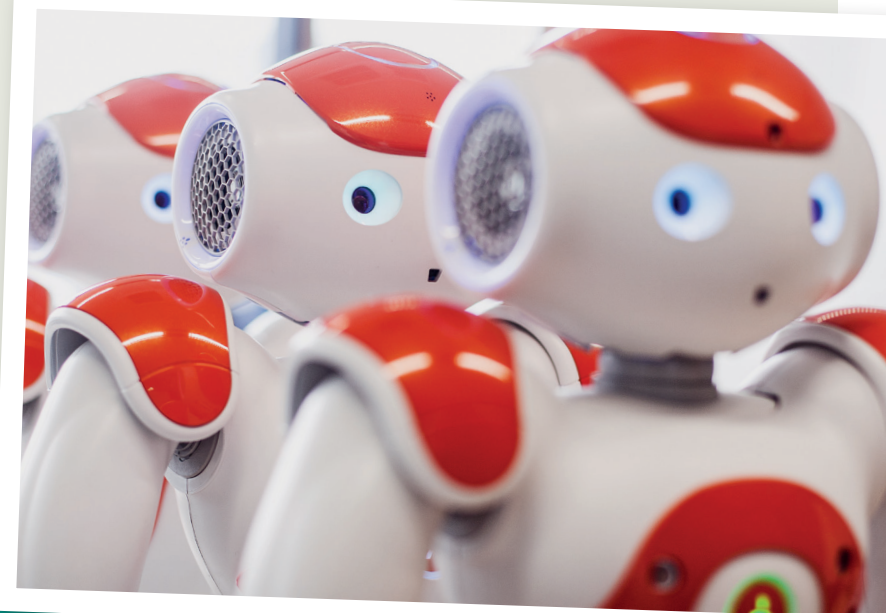
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#### Meet the challenges of the future!

Today, Business Informatics specialists are more in demand than ever and have excellent career prospects. While Business Administration graduates frequently lack the necessary technical understanding, and while Computer Science graduates tend to be deficient in understanding management terms of reference, the Business Informatics specialist resolves these problems with his or her interdisciplinary training.

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## WHY STUDY IN MANNHEIM?

- Mannheim is an ideal place to study Business Informatics: there is hardly another university that offers such a high-caliber symbiosis of Business Informatics, Business Administration and Computer Science. This is further bolstered by outstanding contacts in industry and close dovetailing with the most important companies in the business software sector.
- The Business Informatics professors at Mannheim enjoy an outstanding reputation both within Germany and internationally.
- Thanks to the university's geographic proximity to large and medium-sized IT companies in the Rhine-Neckar metropolitan region, there are many ways for students to gather practical experience as student trainees or interns during their degree programs.

## STRUCTURE OF THE PROGRAM

The concept of the Bachelor's program in Business Informatics is characterized by flexibility and opportunities to specialize, as opposed to the traditional "regimentation" of bachelor's degree courses.

In the first four terms, the main priority is to establish the most important foundations of Business Informatics, Business Administration, Computer Science and Mathematics. Key qualifications which are very much in demand among employers, the so-called soft skills, play a significant part in the Bachelor's program from the fourth semester onwards.

In the fifth and sixth term, students specialize by choosing between Business Informatics, Business Administration and Informatics as their main discipline. A number of courses are offered in English each year for international students.

## WE OFFER:

- Teaching of the highest international standards
- The possibility of spending a term abroad at an accredited partner university
- A high level of practical orientation and outstanding contacts at companies in the IT region of Rhine-Neckar (*Metropolregion Rhein-Neckar*)
- Electives in Business Informatics, Informatics and Business Administration
- Superbly equipped libraries and lecture halls
- Outstanding career prospects

