BACHELOR'S AND MASTER'S PROGRAMS IN COMPUTER SYSTEMS IN ENGINEERING

What is Computer Systems in Engineering concerned with?
How information science can enable innovations in technical applications.

Who studies Computer Systems in Engineering?
Anyone who wants to understand how technical products come into being through the combination of hardware and software.

What do Computer Systems in Engineering graduates do?
Develop new and improved products and processes together with engineers.

What is special about Computer Systems in Engineering at Magdeburg?
A computer science degree that is tailored to engineering applications and allows a free choice of mechanical engineering, electrical engineering or process engineering subjects.

Find out more
Bachelor's program: www.inf.ovgu.de/b-inf
Master's program: www.inf.ovgu.de/m-inf

BACHELOR'S AND MASTER'S PROGRAMS IN BUSINESS INFORMATICS

What is Business Informatics concerned with?
How companies and administrations can be better organized and more successful with the help of information technology.

Who studies Business Informatics?
Anyone who is interested in the combination of computer science and business management.

What do Business Informatics graduates do?
Help organizations to work successfully, for example as consultants, systems administrators or process designers.

What is special about Business Informatics at Magdeburg?
The practical emphasis with plenty of laboratories and the world’s largest SAP University Competence Center.

Find out more
Bachelor's program: www.inf.ovgu.de/b-wif
Master's program: www.inf.ovgu.de/m-wif

MASTER'S PROGRAM IN DATA AND KNOWLEDGE ENGINEERING

What is Data and Knowledge Engineering concerned with?
How useful knowledge is retrieved from large quantities of data.

Who studies Data and Knowledge Engineering?
Anyone wanting to learn how to understand data and make it intelligible to others in an international degree course.

What do data and knowledge engineers do?
Data scientists make forecasts and recommendations, for example in medical research or marketing.

What is special about Data and Knowledge Engineering at Magdeburg?
The close cooperation with companies and research institutions that possess large quantities of data containing valuable information.

Find out more
www.inf.ovgu.de/m-dke

MASTER'S PROGRAM IN BUSINESS INFORMATICS

What is Digital Engineering concerned with?
How industry will develop through the new opportunities presented by computer science.

Who studies Digital Engineering?
Anyone wishing to extend the knowledge obtained during their Bachelor’s degree with a combination of technology and computer science.

What do Digital Engineers do?
Advance the digitalization of industry, for example through automation and optimization of production processes.

What is special about Digital Engineering at Magdeburg?
An extraordinarily high proportion of project work in interdisciplinary teams.

Find out more
www.inf.ovgu.de/m-de

STUDENT INFORMATION AT A GLANCE

The central point of contact for all questions about our programs and about the University of Magdeburg is the International Office: www.ovgu.de/international.

Find out more about Otto von Guericke University www.ovgu.de
Find out more about the Faculty of Computer Science www.inf.ovgu.de

Visit us on Facebook www.facebook.com/informatik-magdeburg
Contact our students directly: The “Faculty Student Council in the Faculty of Computer Science” (FaStuP for short) is the elected representative body of students in the Faculty of Computer Science (FIN) at the university. www.farafin.de/ueber-uns/mitglieder

www.inf.ovgu.de

www.ovgu.de

OTTO VON GUERICKE UNIVERSITY MAGDEBURG
The right place to study

PROGRAM INFORMATION

FACULTY OF COMPUTER SCIENCE

In terms of research and teaching, Otto von Guericke University Magdeburg (OVGU) focuses on engineering and the natural sciences, economics and business, plus medicine. In recent case numbers, mathematics provides the essential foundations.

The university, which was established in 1993, also believes that the humanities provide an essential complement for the hard sciences, economics, and business. In each subject areas of research and knowledge transfer are interdisciplinary by the neighboring non-university research institutes.

KEY RESEARCH AREAS
- Dynamic Systems and Biosystems Technology
- Neuroscience

SIX GOOD REASONS TO STUDY WITH US

Flexible study
Our programs offer plenty of freedom in terms of subject selection: the number of mandatory modules in the Bachelor’s programs is small and our Master’s programs offer the students a lot of flexibility to tailor their courses to their interests.

A multi-disciplinary outlook
Our students can choose from more than 120 elective modules and use up to 168 state-of-the-art laboratories for research projects, learning groups, and app or game development which are available to them around the clock.

Practical semester during the Bachelor’s degree
The last semester of a Bachelor’s degree is usually dedicated to practical experience: our students go abroad, work in a company or research institute, or lay the groundwork for their own start-ups.

Good grades in university rankings
Our students are among the best in Germany and the rankings show us where we stand.

Careers
Almost all university institutes and faculties can be reached on foot in just a few minutes. The campus facilities, Central campus university

PRACTICAL. PERSONAL. INTERDISCIPLINARY.

OUR MOTTO:

We are excited about the variety of opportunities that we offer our students. We maintain contact with our graduates through our alumni program. And we believe in the value of close contact between the students and teachers. Throughout our course work, subject advisers, mentoring programs and the Faculty Student Council are all there to help our students. And we maintain contact with our graduates through our alumni program.

Interdisciplinary
On every course, our students expand their horizons in other subject areas, be it such as the humanities, engineering or medicine, and in this way prepare themselves for working in modern, attractive professions.

OUR PROGRAMS

The faculty offers Bachelor’s and Master’s programs in the following subjects: Computer Science, Computational Visualistics, Computer Systems in Engineering, and Business Informatics. The Bachelor’s programs comprise six semesters of study and a practical placement semester, and the Master’s programs last for three semesters. They lead to the degrees of Bachelor of Science (B.Sc.) and Master of Science (M.Sc.), respectively.

We also offer the computer science program’s master’s degree in Data and Knowledge Engineering as well as Digital Engineering. These two are an international orientation and classes are taught in both German and English.

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All bachelor’s courses can also be studied at dual study courses.

BACHELOR AND MASTER OF COMPUTER SCIENCE

As part of your degree in computer science you can specialize in a specific track.

Computer Games Track
Here you can learn from computer games, and you can exchange knowledge and experience with like-minded students in the “Acagamics e.V.” club.

Forensic Design Computer Science Track
This track enables you to study crimes from real and digital crime scenes with the help of IT-supported methods and modern sensor technology.

Learning Systems/Recuperating Track
Here you can teach your computer to learn like a human being and adapt intelligently to its environment.

Web founder students develop promising business ideas with our graduates through our alumni program.

Find out more www.inf.ovgu.de/inf-profile

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SIX REASONS TO STUDY AT OVGU

1. Close to nature
2. Low living costs
3. Green city
4. Cost-effective courses
5. International orientation
6. Top quality

STUDYING AT THE FACULTY OF COMPUTER SCIENCE

Teaching
In the Faculty of Computer Science was just right for me, because it considerably strengthened my own skills. It helped me to develop self-confidence and to become a determined woman.

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