Degree course in Computer Science
Master of Science (M. Sc.)

Entrance requirements:
A completed academic first degree (Bachelor or German 'Diplomabschluss')

Deadline for applications:
Please visit the homepage of the Regensburg University of Applied Sciences or of our Faculty for up-to-date information.

Course commences:
Summer and Winter semester

Academic counsellor:
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Contact:
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Interdisciplinary and successful: The Master degree course in Computer Science

YOUR CAREER STARTS HERE!

Have you already gained your first degree and are you keen to study and qualify on a higher level? Are you looking to broaden your studies in the field of computer science and bring the theoretical knowledge you have acquired to bear on applications-oriented research topics? If you are, then our M.Sc. in Computer Science is right for you! The ever-growing impact of information and communications technology on our everyday social and business lives will sustain an increasing demand for highly qualified computer scientists in the future. You will find that a M.Sc. in Computer Science will lay the foundations for entry to employment on a higher level and enable you to plan for a successful career.

It will also facilitate access to the higher career levels in the civil service and confer entitlement to PhD studentships. As well as opening the way to a career with a strong applications bias, an M.Sc. in Computer Science will create varied opportunities for scientific work and prepare you to face future challenges with skill and confidence.

Take control of your future. You will be making an excellent choice!

Prof. Dr. Markus Kucera
Dean of the Faculty of Computer Science and Mathematics

STUDY CONTENT

The M.Sc. programme offers an advanced applications-based, scientific course of study that builds on the foundations of a relevant Bachelor degree.

Students will acquire:

- **Advanced specialist expertise**
  Concentration on scientifically relevant methods and concepts will broaden students’ knowledge of computer science. They will acquire the ability to critically appraise new scientific findings and apply them in a professional context.

- **Greater application skills**
  The M.Sc. course includes two applications-oriented options from which the students may choose: → **Business Systems** (IT for Processes) and → **Technical Systems** (IT for Products). This specialisation addresses the demands of the job market in general and those of the local economy in particular.

- **Enhanced general and social skills**
  Given that social skills are an increasingly important component of career success, the course options offer opportunities for our students to further develop their social skills in general and promote their team and communication skills in particular.

Accreditation
The M.Sc. course is accredited by ASIIN and has been awarded an internationally recognised seal of quality.

COURSE STRUCTURE

The M.Sc. course covers three semesters. In the first two semesters our students learn advanced specialist abilities and methods which are essential for their scientific work and careers with a scientific bias. The third semester is devoted largely to the preparation of the Master’s thesis. As well as the full-time study course described above, we also offer a part-time programme to enable working computer scientists to gain a M.Sc. qualification. This route involves seven semesters of study with half the number of hours per week.

ENTRANCE REQUIREMENTS

The M.Sc. in Computer Science is open to all graduates who have already completed a relevant ‘Diplom’ or Bachelor degree with an overall grade of ‘good’ or better. To pave the way for your Master degree course, our Faculty offers no fewer than five B.Sc. programmes – Computer Science, Technical Informatics, Business Informatics, Medical Informatics and Mathematics – an unusually broad choice of courses with a variety of options.

WHAT WE EXPECT FROM YOU...

... an ability to work in an interdisciplinary environment, an interest in life-long learning and a willingness to explore new paths and to work independently and purposefully.