



WELCOME TO THE REGENSBURG  
UNIVERSITY OF APPLIED SCIENCES!

Congratulations! Your secondary school qualifications open up a wealth of opportunities for undergraduate study. Only you can decide which particular course of study is right for you, and information about the courses offered at the Regensburg University of Applied Sciences should make your choice easier. However there is no substitute for a personal interview, and you are warmly invited to come and talk to our faculty staff on campus.

You can be confident that the Regensburg University of Applied Sciences, with its excellent reputation both in Germany and internationally, will provide the right environment for your studies. And your first visit of discovery should convince you how lovely Regensburg is. I would be delighted to welcome you here as a new student!

Prof. Dr. Josef Eckstein  
President of the Regensburg University  
of Applied Sciences

# Studying in Regensburg.

## Degree course in Computer Science Bachelor of Science (B. Sc.)

**Entrance requirements:**

'Fachhochschulreife' (qualification for entrance to universities of applied science),  
'fachgebundene oder allgemeine Hochschulreife' (subject-linked or general qualification for university entrance)

**Deadline for applications:** 15 June

**Course commences:** 1 October

**Academic counsellor:**

Prof. Dr. Fritz Jobst  
Tel. +49 (0)941 943-1305  
fritz.jobst@hs-regensburg.de

**Kontakt:**

Hochschule Regensburg – University of Applied Sciences, Faculty of Computer Science and Mathematics  
'Sammelgebäude' of the University  
Universitätsstraße 31 · 93053 Regensburg  
Tel. +49 (0)941 943-1264  
Fax +49 (0)941 943-1426  
fb-im@hs-regensburg.de  
www.hs-regensburg.de

January 2009

**BACHELOR**

Computer Science



# The Bachelor degree course in Computer Science will equip you professionally and personally for the challenges of the future

## DEAR PROSPECTIVE STUDENTS

Are you keen to help shape our future and be an innovative problem-solver? Are you looking for a profession that offers excellent prospects in a wide range of fascinating fields? If you are, then our Bachelor degree course in Computer Science is right for you!

Information and communication technologies are having a growing impact on human social and economic activities the world over. One or more computer systems are at work in virtually every modern device. Standard software, databases and IT architectures are commonplace components of our everyday lives.

Your task will be to identify and describe practical problems of the type faced by business, industry and administration in such a way that they can be efficiently handled by data processing systems.

Our accredited Bachelor degree course in computer science guarantees you a broad interdisciplinary training and will prepare you optimally for the tasks that lie ahead. And if you wish, you can go on to study for an M.Sc. in Computer Science in a further three semesters. You are making a really good choice and one that will open many doors.

Prof. Dr. Markus Kucera

Dean of the Faculty of Computer Science and Mathematics

## STUDY OBJECTIVES

Fundamental knowledge and skills in the main fields of computer science are essential prerequisites for their effective application in business, industry and administration, which is why we offer broad, sound and practice-oriented tuition in specialised areas such as

- Computer science,
- Mathematics and physics,
- Business studies,
- Software development and networks.

We also encourage our students' social competence in

- Presentation techniques,
- Team work,
- Personality development.

## COURSE STRUCTURE

Courses of study at Regensburg University of Applied Sciences have a high practical content, with almost every subject offering hands-on experience in small groups. The course consists of seven semesters divided into three study periods. The placement semester is part of the second study period. The Bachelor's dissertation is prepared as the final part of the degree course.

1 <sup>st</sup> Period	Semester 1 and 2	Basic studies
2 <sup>nd</sup> Period	Semester 3 and 4	Advanced studies
	Semester 5	Placement semester
3 <sup>rd</sup> Period	Semester 6 and 7	Specialisation Bachelor's dissertation

## STUDYING IN REGENSBURG

Hardly any other centre of learning in Germany combines a historical past with the successful present of an innovative business location in the way that Regensburg does. Here you will find a unique symbiosis of cultural background and forward-looking career prospects in a wide variety of regional enterprises. We have close contacts with local business and industry, microchip producers and computer manufacturers as well as motor manufacturers and their suppliers.

The Faculty of Computer Science and Mathematics offers five Bachelor degree courses: Computer Science, Technical Informatics, Business Informatics, Medical Informatics and Mathematics. B.Sc. graduates have two further accredited courses to choose from – the M.Sc. in Computer Science and M.Sc. in Mathematics. You will not find this broad choice of courses at any other university of applied sciences in Bavaria. We also have an above-average number of elective subjects and a versatile and well equipped laboratory environment.

## WHAT WE EXPECT FROM YOU...

A desire to work across multiple disciplines and an interest in life-long learning are essential prerequisites.

You also like solving problems in engineering, commerce and administration, and enjoy working with different computer systems which are in a continuous state of further development.

PLEASE ASK FOR MORE INFORMATION

