

degree of a university of applied sciences (“Hochschule für angewandte Wissenschaften”)

- the final grade of the degree needs to be equal or better than 2.0
- the most important criteria for admission are a student’s commitment to research and aspiration to a professional career in biomedicine
- a bachelor degree issued by a university of applied sciences will not be sufficient for admission

Successful admissions are approved by the graduation committee.



Location

Regensburg, Bavaria’s fourth biggest city with approx. 130,000 citizens, is located in the eastern part of Bavaria at the confluence of the rivers Danube and Regen. Regensburg is one of the oldest cities in Germany and its old town was awarded the title World Heritage Site of the UNESCO in 2006.

Life and outdoor activities

Beside its rich history, Regensburg is a modern, vibrant city with a multitude of cafés, restaurants, pubs and bars and a wide range of cultural events throughout the year. The close proximity to the Bavarian forest, some smaller nearby lakes and a multitude of sports facilities offer numerous possibilities for active recreational arrangements. All this makes Regensburg a very popular and enjoyable place to live.

Study and work

The University of Regensburg, founded in 1962, is located on a central campus south of the inner city and currently accommodates about 20,000 students. Not far from the campus are the University Hospital and the University of Applied Sciences allowing close collaborations between different research areas. Beside

excellent educational opportunities, Regensburg also offers superior employment opportunities as it is embedded in the BioRegio Biotechnology cluster consisting of more than 40 companies with 2,400 employees in (BioPark) and nearby Regensburg making it the second biggest Biotech cluster in Bavaria following Munich.

Contact Us / Further Information

www.biomedigs.de

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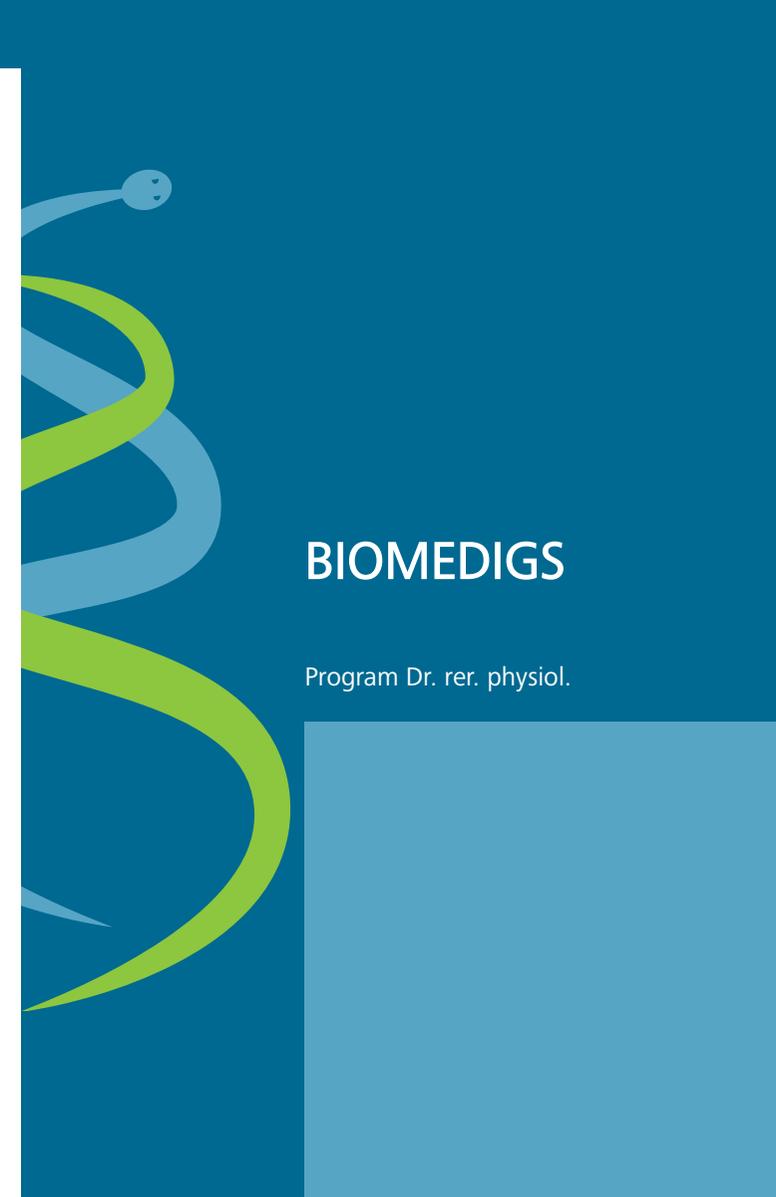
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BIOMEDIGS

Program Dr. rer. physiol.



Universität Regensburg
FACULTY OF MEDICINE



About Us

The **BIOMEDICAL** International **Graduate School** at the University Hospital Regensburg is an institution of the Faculty of Medicine. The graduate school is a dynamic, interdisciplinary graduate program committed to train young researchers in becoming the next generation of biomedical experts. This goal is achieved by providing students with profound scientific skills and exceptional research training.

BIOMEDIGS provides students with the flexibility to tailor an individual work plan according their research interests. In addition, students are offered a broad spectrum of research opportunities under renowned scientists with strong expertise who are committed not only to scientific discovery, but also to mentoring and teaching.

The board in charge of the graduate program regulations, thesis admissions and dissertations is the graduation committee (Promotionskommission). The committee confers four times a year. Please check www.biomedigs.de for the exact dates.

Research Areas

Biomedicine is an interesting and complex field of interdisciplinary research and its goal is the improvement of clinical practice with molecular biological achievements. The students of the BIOMEDIGS graduate program are working on the elucidation of various pathophysiological processes. These attempts lead to a better understanding of the molecular cause of disease and potentially novel diagnostic tools and therapeutic options.

The program offers students from all biological fields as well as from chemistry, physics and pharmacology the opportunity to conduct research on medically relevant subjects during their thesis.

The interdisciplinary approach enables young scientists to generate an excellent dissertation.

The Biomedical International Graduate School of the University Hospital Regensburg was founded to facilitate students in the field of Life Science to receive a doctoral degree in questions of clinical relevance of an advanced level. It provides an education rich in state-of-the-art methods and up-to-date concepts of biomedicine. So far, more than 20 outstanding professors of the University and the University Hospital Regensburg are engaged in the supervision of students and hold a broad spectrum of research opportunities in biomedicine.



Training

During their 3-year training period, the students will be coached by a **mentoring team** which consists of his or her dissertation supervisor and two advising professors. A structured program and regular consultation with the mentoring team will qualify the students for independent and good scientific research.

Requested and individual accomplishments during each dissertation are outlined in the "Leistungsheft" and thereby are recognizable for future employers.

These include:

- **Colloquia**, consisting of a 4-6 page written progress report and a 20-minute presentation of the student's data followed by scientific discussion with the mentoring team; allowing the mentors to support the project progress or, if required, to direct the research effort in a more promising direction.
- Students can voluntarily participate in the **annual symposia** (summer schools) which are one-of-a-kind opportunities for graduate students to debate different biological and medical topics with fellow students. Strategies and techniques can be discussed to provide a deeper inside into the variety of research.
- **Progress reports** and **journal clubs** in his or her work group where the students learn how to present and discuss their

data, get tips and suggestions from colleagues.

- Active **participation at conferences** with posters or presentations give students the opportunity to discuss their data with international experts and gain new insights
- During her or his thesis the student should have one **first authorship** on an original article.

The BIOMEDIGS graduate school program encourages its students to take responsibility and also the freedom to attend different courses offered at the University Hospital Regensburg and the University of Regensburg like seminars in biomedical statistics, good scientific practice or rhetorical training, which will supply further qualification for their future careers.

The aim of this graduate program is to provide the students with the necessary knowledge, intellectual capability and technical skills to conduct outstanding research in a wide range of biological and biomedical areas.

Our scientific program will guide the young researchers to become the next generation of biomedical experts!



Application

Membership in BIOMEDIGS is required to obtain the doctoral degree (Dr. rer. physiol.) in Biomedicine at the Medical Faculty of the University of Regensburg.

Admission Requirements

The admission requirements for the biomedical sciences program are strict, as we strive to select these students that show the greatest promise of becoming leaders in academia, industry, and other areas.

Requirements for application include:

- a master or diploma degree in biology, chemistry, physics or computational science from a university or a master