

## Formalities

### Period of study

4 semester

### Beginning of the programme

Each Winter Semester

### Deadline for application: May 15th

Each application is reviewed by the Admission Committee. Application forms are available at: [http://fb05.h-brs.de/MSc\\_Biology.html](http://fb05.h-brs.de/MSc_Biology.html)

Students must provide evidence of one of the following:

- Bachelor's degree or equivalent in biological sciences.
- Special knowledge in: Molecular Biology/Genetics, Immunology, Microbiology, Human Biology and Physiology.
- Proficiency in English (Paper-Based TOEFL: minimum score of 550, or Computer-Based TOEFL: minimum score of 213 or Internet-Based TOEFL: minimum score of 79). The original TOEFL score report has to be sent by ETS, our institution code is 7977.
- Two references incl. social ranking.

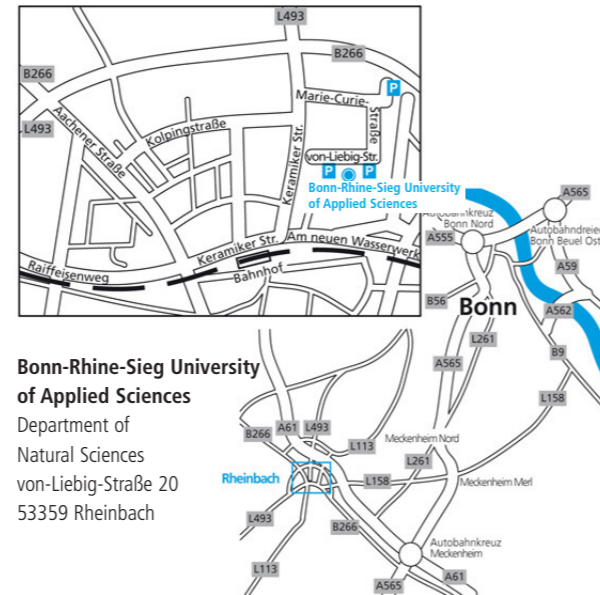
## Location

The Department of Natural Sciences is located in the city of Rheinbach, a pleasant town embedded in the recreation area of the Eifel, inviting to all kinds of leisure activities.

Our Campus can be reached from Bonn by train in only 20 minutes using the semester ticket, which is included in the semester fee.

Accommodations are readily available in the University's surroundings. For more information please contact the International Office.

### How to find us



**Bonn-Rhine-Sieg University of Applied Sciences**  
Department of Natural Sciences  
von-Liebig-Straße 20  
53359 Rheinbach

## Contacts

### Students' Office

Bonn-Rhine-Sieg University of Applied Sciences  
Grantham-Allee 20  
53754 Sankt Augustin  
Germany  
phone: +49 2241 865-622  
[studierendensekretariat@h-brs.de](mailto:studierendensekretariat@h-brs.de)  
*(Information on application, registration and acceptance of foreign degrees and university transfers)*

### International Office

Bonn-Rhine-Sieg University of Applied Sciences  
Grantham-Allee 20  
53757 Sankt Augustin, Germany  
phone: +49 2241 865-628 or -671  
[ausland@h-brs.de](mailto:ausland@h-brs.de)  
*(General information on education, financial aid and accommodation)*

### Academic Course Guidance

**Prof. Dr. Hans Weiher**  
Department of Natural Sciences  
von-Liebig-Straße 20  
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International Programme

## Biomedical Sciences

Degree

**Master of Science (M.Sc)**

**Department of Natural Sciences**

Campus Rheinbach



**Bonn-Rhine-Sieg University of Applied Sciences**

## Reasons for choosing the Bonn-Rhine-Sieg University of Applied Sciences

- Lectures in English
- Innovative teaching and assessment methods
- Lectures, exercises and laboratory classes in small groups
- Tutorial support
- Practical projects
- Strong connections to local industry
- Excellent research record
- Language center on campus (English, German as a foreign language, Norwegian, Spanish and others)
- International reputation

## Programme Structure

| Sem. | Courses                            |                          |                                  |                            |
|------|------------------------------------|--------------------------|----------------------------------|----------------------------|
| 1    | Monitoring of Clinical Trials      | Pharmacology/ Toxicology | Pathophysiology                  | Practical Elective Courses |
| 2    | Virology                           | Neurobiology             | Clinical Chemistry               | Elective Courses           |
| 3    | Medical Proteomics                 | Human Genetics           | Advanced and Clinical Immunology | Special Fields in Biology  |
| 4    | M.Sc. Project including Colloquium |                          |                                  |                            |

## Biomedical Sciences (M.Sc.)

### Why this programme?

The Master's programme offers a wide range of theoretical and practical classes with a focus on biomedical sciences. Due to the multidisciplinary character of our faculty, there is a large number of diverse elective courses to choose from. Interdisciplinary projects further motivate students to perform research in different scientific disciplines. Training includes state-of-the-art techniques, ranging from proteomics to advanced methods in human genetics, up to techniques used in clinical immunology. The high portion of practical classes provides students with strong technical skills.

Successful students will be awarded the M.Sc. degree in Biomedical Sciences by the Bonn-Rhine-Sieg University of Applied Sciences. This degree enables graduates to apply for a PhD-programme at any university.



### Job opportunities

The M.Sc. in Biomedical Sciences highly qualifies students for positions in research and development in medical, diagnostic or biological laboratories, both in academics and in pharmaceutical or biotech companies. There will also be opportunities for management positions in the industry and in government, in scientific journals and in education. Students may also wish to continue their studies by undertaking research in postgraduate programmes.