

# Profile Master Biosciences Programmes

The subsequent summary should give you an overview about the master study programmes in Biosciences at the University of Wuerzburg and also help you to apply properly. Before applying please carefully read both qualification criteria and the general regulations for the application process. The master curriculum can be started both in the winter and summer semesters. The winter semester lasts from Oct 15 to Feb 1, and the summer semester from April 15 until July 1.

## General Information

The master programmes start with two elective topics each comprising two theory modules (à 10 ECTS) and one practical course module (10 ECTS). In order to make sure to schedule all of the modules of your selected combination of topics without overlap please plan 2 semesters in advance. Some of the basic lecture series (which are obligatory) are offered both in summer and winter. It is also highly recommended to distribute theory and course modules equally in order to be able to spend enough time in the laboratory during the lecture period.

Upon completion of at least one theory module as well as the corresponding course module in your topic of choice you may continue with the advanced F2 course module (15 ECTS) which directly precedes the master thesis (25 ECTS). Part of the study programme (including the thesis) may also be absolved at partner universities or externally in science institutions or in companies.

Additional 15 ECTS should be selected in the module subgroup 2. These allow to further specialize in your field of interest.

## Application Process

Please note that the application process for all candidates except those holding Non-European degrees is possible online only!

Application periods

- from May 15 to July 15 for the winter semester and
- from Dec 1 to January 15 for the summer semester

### Applications when holding a German Bachelor degree

Please follow this link: [www.biostudium.uni-wuerzburg.de](http://www.biostudium.uni-wuerzburg.de)  
(will be replaced soon by MasterBiology.EU)

### Application when holding a European Bachelor degree BIO<sup>EU</sup>

( Erasmus+ Area: Belgium / Bulgaria / Czech Republic / Denmark / Estonia / Ireland / Greece / Spain / France / Croatia / Italy / Cyprus / Latvia / Lithuania / Luxembourg / Hungary / Malta / Netherlands / Austria / Poland / Portugal / Romania / Slovenia / Slovakia / Finland / Sweden / United Kingdom / former Yugoslav Republic of Macedonia / Iceland / Liechtenstein / Norway / Turkey)

For further information and application on Study Programmes in English language please follow this link: [masterbiology.eu/home/](http://masterbiology.eu/home/)

**Application when holding a Bachelor degree from countries outside of Europe** (outside Erasmus area) Please follow the instructions of the – International Office – Applications from this group are supposed to send their documents by regular mail (to be updated.....)

## Qualifying Criteria

Bachelor of Science in Biology or in a study programme that fulfills the criteria of the Subject Specific Criteria in Biology / “Fachkanon Biologie”, in particular:

- (i) Required basic skills in Botany and Zoology and Microbiology in the areas of cell biology, developmental biology, genetics, systematics, physiology, ecology, neurobiology, behavioral biology: 30 ECTS
  - (ii) Required advanced skills of choice in the following fields: cell biology, developmental biology, behavioral biology, virology, immunology, neurobiology, human genetics, microbiology, biotechnology, ecology, pharmaceutical biology, bioinformatics, biophysics, biochemistry: 45 ECTS
  - (iii) Required skills in chemistry: inorganic, organic, physical: 20 ECTS
  - (iv) Required skills in physics, mathematics, biostatistics: 15 ECTS
  - (v) Required language skills in English  
The proof of skills in the English language should be at a level not lower than:
    - aa) the Test of English as a Foreign language (TOEFL) with at least 570 paper-based TOEFL test respectively 240 computer-based TOEFL test respectively 90 internet-based TOEFL test points or
    - bb) the International English Language Test System with a return of 6,5 or better or
    - cc) a Cambridge Certificate in Advanced English (CAE)
    - dd) a Bachelor degree from an English Teaching University
    - ee) any certificate issued by the admission committee of the Faculty of Biology from the University of Würzburg after approving of English skills based on the assessment of a Bachelor thesis written in English language, of a language course other than specified above or an interview held in English language.
  - (vi) Language Skills German (B1)
- Please submit either your final degree or your transcript of records to prove a minimum of 150 ECTS. In the latter you have to submit your completed transcript of records no later than Sept 15 or March 15, respectively.

## Admission

Upon initial application online you will get an **application number**. Please refer to this number in all subsequent mails.

Please submit all your documents in a single pdf-file. You may add supplementary materials (e.g. Bachelor certificate) until latest 15 Sept or 15 July, respectively, to prove all the required qualification

criteria (verification deadlines). You will be informed about your approval as soon as possible and this usually takes place two to three weeks post verification deadline.

### **Checklist for Application**

Prior to application deadlines (15 July and 15 January, respectively) you need:

- Initial online application
- Automatic reply including your application number
- Proof of at least completed 150 ECTS in your study programme (transcript of records) or
- Submission of Bachelor certificate and transcript of records

Prior to verification deadlines (15 Sept and 15 March, respectively)

- Submission of Bachelor certificate and transcript of records (if not sent before)
- Optional proof of additional credits which are not within the regular study programme to prove the required qualification criteria

## **Neuroethology**

- Neuroethology - Neurogenetics
- Neuroethology - Behavioural Physiology and Sociobiology

## **Cell and Infection Biology**

- Molecular Infection Biology
- Cell- and Developmental Biology

## **Systems Biology & Metabolomics**

- Systems Biology and Metabolomics - Metabolomics
- Systems Biology and Metabolomics – Systems Biology

## **Ecology**

- Plant Ecology
- Animal Ecology

## **Molecular and Computational Biology**

- Molecular and Computational Biology – Computational Biology
- Molecular and Computational Biology – Molecular Biology

## **Biophysics**

- Molecular and Cellular Biophysics
- Molecular and Computational Biology – Computational Biology

## **Protein Chemistry**

- Protein Chemistry
- Molecular and Computational Biology – Computational Biology