



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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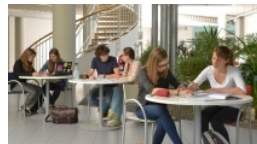
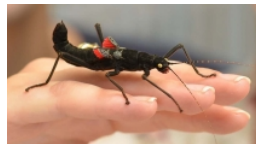
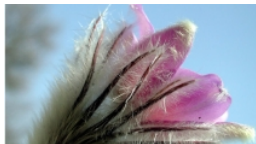
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Master's degree



Master Biosciences / Master Biowissenschaften

Julius-Maximilians-Universität Würzburg • Würzburg



Overview

Degree	Master of Science, Biosciences
Teaching language	<ul style="list-style-type: none">• English• German
Languages	The modules are offered bilingually, depending on the semester, and may be chosen either in the German or the English language.
Full-time / part-time	<ul style="list-style-type: none">• full-time
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	For all applicants: 15 July for the following winter semester 15 January for the following summer semester
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No

Description/content

The Master's study programme Master Biosciences is provided by the Faculty of Biology of the University of Würzburg as a research-oriented and international study programme with the degree "Master of Science" (MSc) within the framework of a consecutive Bachelor's and Master's study pattern. The degree Master of Science constitutes an additional professional respectively research-oriented degree.

The aim of the programme Master Biology is to provide a research-oriented education in the various topics of biology/life sciences. Theoretical and practical competences in the fields of biology/life sciences are imparted in order to be able to address scientific issues from the fields of biology/life

Course Details

Course organisation	<p>The programme's curriculum allows the students to select two major topics of interest, covering a broad range of bioscientific topics. Topics of classical biology may be combined with those of theoretical biology with a biomedical, biophysical or biochemical focus. During the first year of the programme, the students enrol in two theoretical courses and one practical course in each of the two topics. All modules are accompanied by a graded examination. In semesters three and four, further specialised research training is provided in a selected field of interest. The students are actively involved in ongoing research projects and learn to independently plan and perform both theoretical and experimental work, and finally, to summarise and discuss the obtained results in their thesis which has to be presented and defended in a final colloquium. The thesis (25 ECTS) is preceded by an ungraded preparatory practical course of 12 weeks (15 ECTS).</p> <p>Further modules (15 ECTS) are selected within the sub-area "Additional Qualifications" to cover special aspects of interest. These modules have to be passed without grading.</p> <p>» PDF Download</p>
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none"> • Study trips • Projects with partners in Germany and abroad
Integrated internships	Study periods, including internships at universities and/or companies, may be chosen as elective modules in Germany or abroad.
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	<p>There are generally no tuition fees at the University of Würzburg. However, you must pay the semester contribution each semester for enrolment or registration. The student contribution includes a semester ticket that allows you to use public transportation all throughout the beautiful city of Würzburg.</p> <p>Student contribution: approx. 146 EUR</p>
Costs of living	The cost of living in Würzburg is low compared to other German cities. Of course, this strongly depends on your individual lifestyle, but you should expect monthly costs of about 940 EUR.

- Food: 250 EUR
- Rent: 350 EUR
- Health insurance: 110 EUR
- Other: 212 EUR
- Broadcasting fees (AZDBS/GEZ): 18 EUR

Funding opportunities
within the university

No

Requirements / Registration

Academic admission
requirements

Bachelor of Science in biology or equivalent study degree that fulfils the criteria of the "Fachkanon Biologie", in particular:

1. required basic skills in biology in the fields of botany, zoology and microbiology which may have been achieved in the areas of cell biology, developmental biology, genetics, systematics, physiology, ecology, neurobiology, behavioural biology, 30 ECTS in total
2. required advanced skills in biology achieved in any of the following areas: cell biology, developmental biology, behavioural biology, virology, immunology, neurobiology, human genetics, microbiology, biotechnology, ecology, pharmaceutical biology, bioinformatics, biophysics, biochemistry, 45 ECTS in total
3. required skills in chemistry: inorganic, organic, physical, 15 ECTS
4. required skills in physics, mathematics, biostatistics: 15 ECTS

Documents required

- certificates of a degree in a Bachelor study programme (acquisition of 180 ECTS points) at the University of Würzburg or another national or international institution or a comparable national or international degree (for example state examination)
- proof of a university or equivalent degree (in the case of a requested ultimate Master-admission) attesting the achieved overall grading
- proof of previously achieved study and examination performances (transcript of records) which documents the basic and advanced skills in biology and all required skills in chemistry, physics, mathematics, and biostatistics
- proof of English and German proficiency

Please submit either your final degree or your transcript of records to certify a minimum requirement of 150 ECTS. In the latter, you have to submit your completed transcript of records no later than 15 September or 15 March, respectively.

Language requirements

Language requirements in English

The proof of skills in the English language should be at a level not lower than:

1. Test of English as a Foreign language (TOEFL) with at least 570 points (paper-based TOEFL), 240 points (computer-based TOEFL), or 90 points (Internet-based TOEFL)
2. International English Language Test System with a score of 6.5 or better
3. Cambridge Certificate in Advanced English (CAE)
4. Bachelor's degree from an English-taught course
5. any certificate issued by the Faculty of Biology's admission committee after approving of English skills based on the assessment of a Bachelor's thesis written in English, of a language course other than specified above, or an interview held in English

The minimum German language requirement for admission to the University of Würzburg is a certificate at level B2 (Goethe Institute). Certificates of attendance or registration for German classes will not be accepted as evidence of proficiency in German. German language courses are offered by the university only to students who have been accepted as full-time students, so they can improve their German and prepare for the German university entrance proficiency examination DSH ("Deutsche Sprachprüfung für den Hochschulzugang"). There are no German language courses for beginners.

Application deadline

For all applicants:
15 July for the following winter semester
15 January for the following summer semester

Submit application to

<https://www.uni-wuerzburg.de/studium/angebot/faecher/biologie/>

European and Non-European Bachelor's degree holders: bioeu@uni-wuerzburg.de

Non-European Bachelor's degree holders may also mail to:
University of Würzburg
International Office
Biosciences
Josef-Martin Weg 55
97074 Würzburg
Germany

Services

Possibility of finding part-time employment

- **Students from countries within the EU and the EEA** are on equal terms in the labour market and are allowed to work during their course of study.
- **Students from other countries** are allowed to work 120 full days or 240 half days per year (which also includes voluntary internships). If you would like to work more, you will need permission from the employment agency ("Agentur für Arbeit") or the immigration office.
- Important: Be sure your studies will not suffer if you have a side job!

Accommodation

The [Student Housing Service](#) ("Studentenwerk") is responsible for 10 dormitories in various locations in Würzburg.

Amenities:

- Single and double rooms or rooms in apartments in which two to four students share a kitchen and a bathroom.
- All rooms and apartments are furnished.
- Dishes, cooking items, bedding, and towels are not provided.
- You can find more information about the individual dormitories [here](#).

Length of stay:

- The rental contracts of the "Studentenwerk" are temporary contracts.
- The fixed-term rental contracts of the "Studentenwerk" can be terminated in writing with two months' notice for the following deadlines: 31 March or 30 September.

Application:

- Deadlines: **15 June for the winter semester and 15 January for the summer semester** (The student housing service must receive the security deposit of 300 EUR by this date.)
- You will receive further information about applying for housing in your letter of acceptance.

Career advisory service

Support regarding career development, including internships, occupational prospects, individual coaching by coordinator of Bio Careers

Support for international students and doctoral candidates

- Buddy programme
- Tutors
- Specialist counselling

– Julius-Maximilians-Universität Würzburg –



Biocenter University of Würzburg

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The Julius-Maximilians-University of Würzburg, founded in 1402, is one of the oldest German universities with a long tradition in research and teaching excellence. So far, 14 Nobel laureates have worked here during different stages of their careers, including Wilhelm Conrad Röntgen, who discovered X-rays in Würzburg, and Harald zur Hausen. The latter received the Nobel Prize in Medicine in 2008 for discovering that viruses trigger cervical cancer.

More than 29,000 students, including 2,700 young people from abroad, are enrolled at ten faculties. There are 10,000 people who work at the university and its hospital, among them 2,400 academic staff members and 400 professors.

In order to provide optimum conditions for interdisciplinary research, the university started to implement research centres in the fields of medicine, science, and the humanities as well as a graduate school in the 1990s. A considerable number of these research centres, graduate schools, and research groups are funded by the German Research Foundation (DFG).

Academic rankings continue to confirm the top position of the University of Würzburg. With respect to life and natural sciences, the university is among the top 100 universities in the world and among the top 30 universities in Europe.

The university welcomes highly qualified students from all nations for graduate studies. As an important element in the career of young scientists, the University of Würzburg awards doctoral degrees in all study areas. It provides supervision by leading scientists, intensive tutoring, interdisciplinary courses, and advice.

The university hospital provides both excellent medical care and top-level research.

The university maintains numerous international partnerships with universities in Africa, America, Asia, Australia, and Europe. Exchange agreements allow our students to explore the world for some time during their studies. In return, exchange students from abroad can experience German culture and student life while spending some time in Würzburg. As they contribute to a multicultural atmosphere on campus and inside the classroom, international students are always very welcome to study at the University of Würzburg.



📍 University location

The university and the city of Würzburg have always been closely connected. In a population of around 135,000, students from our university and from two other higher education institutions, about 33,000 in total, ensure that Würzburg remains young and vibrant. The city is situated in a hilly wine-growing region reminiscent of the Mediterranean area. The River Main flows through the city, giving many spots a romantic flair.

A lot of student activity takes place alongside the River Main with its promenades, parks, and beer gardens: discover the music and culture of our neighbouring continent on the Main meadows during Europe's biggest Africa festival, walk barefoot on the sand at the city beach, or enjoy cool concerts and theatre performances on a floating stage during the Würzburg Dock Festival. Another popular event is the Mozart Festival, where "Serenade No. 13" is performed in a relaxed atmosphere in the Court Garden of the Residence - a World Heritage Site.

All distances within the city centre of Würzburg can be easily covered on foot or by bike. A variety of sports activities are on offer such as cycling, running, inline skating, and many more.

As regards culture, the university also benefits the city and the wider region: concerts at the Institute of Music Research or exhibitions in the university's museums enrich the cultural scene.

Würzburg is the cultural and political centre of the northern Bavarian region of Lower Franconia. Thanks to its central location and its excellent road and rail network, other towns and cities in Germany are easy to reach. There is a direct connection to and from Frankfurt Rhein/Main airport and Nuremberg airport with IC and ICE trains running every hour.

To find out more about the city of Würzburg, please refer to:

<http://www.wuerzburg.de/en/>

Contact

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Studiendekanat

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97074 Würzburg

✉ a.palmetshofer@uni-wuerzburg.de

🌐 Course website: <https://www.biologie.uni-wuerzburg.de/masterbiosciences/startseite/>

📘 <https://www.facebook.com/uniwue>

🐦 https://twitter.com/uni_wue

📷 <https://www.instagram.com/uniwuerzburg/>

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International Programmes in Germany - Database

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Editor

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