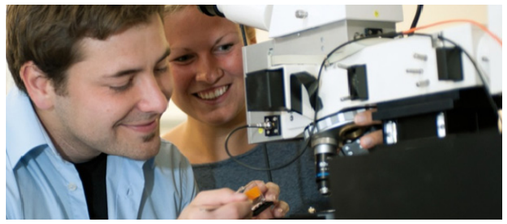


Master of Science in Biophysics

ulm university universität ulm

Faculty of Natural Sciences

Ulm University
Germany

Ulm University

THE ONE HUNDRED UNDER FIFTY — 1st rank among German universities

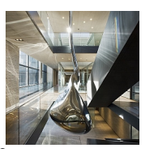
Since its foundation in 1967, the University of Ulm has been at the forefront of scientific research and technology.

UUlm ***ranked first*** among German universities under 50 years old and 16th worldwide, according to an analysis by *Times Higher Education 2014* that is based on research and teaching excellence. The focus is on life sciences, bio and nano materials, communication and quantum technology.
You will find a unique collaboration in research and development with major companies in these fields, together with an excellent relationship between students and academic staff at all levels.

The University of Ulm provides a challenging, yet supportive, learning environment for international students from admission through graduation. All international degree programs offer in-depth scientific and technical training, enhanced by well funded research opportunities.

International courses are combined with intensive language training and intercultural exchange. Students enrolled in our programs can benefit from modern infrastructures and support services such as:

- Orientation program
- Housing service
- Language support
- International Office
- Buddy and Assist program



The City of Ulm

- Located in Baden-Württemberg bordering Bavaria, between Stuttgart and Munich and only an hour-drive from Lake Constance and the Alps
- A charming town where plenty of medieval traditions meet well-established high-tech industries in a strong economic region
- Reasonably small in population (120.000) with low cost of living but with high quality of life
- Ulm Cathedral with the world's highest church steeple
- Birthplace of Albert Einstein
- Well connected to the main European cities
- Nearby airports in Munich, Stuttgart, Friedrichshafen and Memmingen

www.uni-ulm.de/biophysics

Summary

The Master of Science program in Biophysics aims at preparing the students for the interdisciplinary nature of modern-day Life Sciences.

Prerequisites: Bachelor's Degree in Physics, Chemistry, Biochemistry, Biology, Biotechnology, Molecular Medicine or other life sciences

Program start: Winter term, October

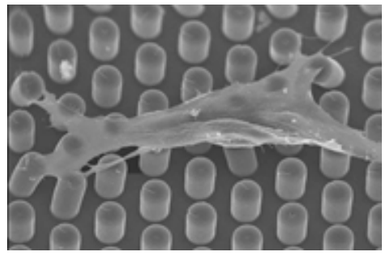
Application deadline: June 15 , of each year

Duration: 4 Semesters (2 years)

Language: English

Tuition fees: None

Administrative fees: 154 Euro each semester



Master of Science in Biophysics

Ulm University is glad to offer an international Master of Science in Biophysics. The degree program is open to all international and national students holding a qualified Bachelor's degree with strong academic records and eager to study in an interdisciplinary and international atmosphere.

The rich and challenging research environment of our Natural Sciences Faculty attracts world renowned scientists and professors. Research groups are well funded from national and European Community projects and have state-of-the-art lab facilities.

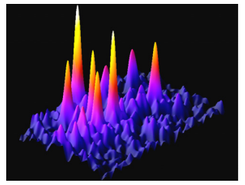
In addition to core lectures focusing in Biophysics, students may choose deepening lectures from the rich spectrum of Life Sciences at Ulm University. The course syllabus on the master level is intimately connected to the ongoing research. We maintain close scientific collaboration with other universities, Max-Plank institutes and companies. Our multisided interdisciplinary research environment is based on strong collaborations between physics, biology, chemistry and medicine.

All lectures are given in English. Intensive German language courses are organized by the Language Centre during the introduction week as well as during the first semester.

Specialization and Research

The Master's program is based on our research activities:

- Biochemistry
- Cell Biology and Genetics
- Inorganic Chemistry
- Molecular Medicine
- Neurobiology
- Organic Chemistry
- Physics
- Stochastics and Bioinformatics



Semester	Curriculum			
1	Biophysics 30 CP	Specialization 18 CP		Adaption Modules 9 CP
2		*Subject I 6-12 CP*	*Subject II 6-12 CP*	ASQ 3 CP
3	Biophysics Research Project 15 CP	Selected Research Project 15 CP		
4	Master's Thesis 30 CP			

1st and 2nd semester: Courses 60 CP

There are compulsory modules as well as specialized courses to be chosen from one of our research fields.

3rd semester: Research projects 30 CP

One research project to be performed in a biophysics and one in a selected non-biophysics laboratory.

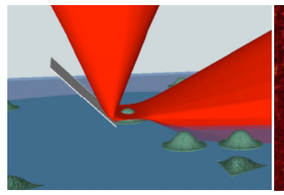
4th semester: Research 30 CP

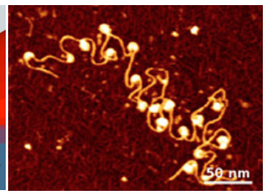
Master's thesis: an independent research project is carried on within a chosen group.

Admission Requirements

Applicants must provide:

- a qualified Bachelor's degree
- strong academic record
- Curriculum Vitae
- letter of motivation
- TOEFL (score of at least 88 for the internet-based test or equivalent) or IELTS (score of 6.5), except for native English speakers





Interested?
Do not hesitate to contact us!

Any questions, correspondence or request for the admission application package should be addressed to:

Biophysics
Faculty of Natural Sciences
Ulm University
89069 Ulm, Germany

E-mail: biophysics.msc@uni-ulm.de

Website: **www.uni-ulm.de/biophysics**