

Why study biochemistry and molecular biology?

Biochemistry, biotechnology and the associated fields are rapidly growing industrial activities. An increased demand for scientists in this field is therefore to be expected. The education is aimed to prepare you for such jobs in chemical and pharmaceutical industry. Besides being well prepared for an attractive job with this M.Sc., you can go on to take a Ph.D. at the University of Bremen or at other universities and continue in fascinating areas of research.

Why study in Bremen?

The University of Bremen has a strong emphasis on biochemistry, molecular biology, and related areas. Teaching and research is active in the fields of biochemistry, microbiology, molecular biology, bioengineering, biotechnology, biophysics, bioorganic chemistry, bioinorganic chemistry, molecular genetics, molecular physiology and other fields.

Find more about the University Bremen:

Bremen is a popular destination for students as well as for tourists - and for those of you who have until now only known the city's famous fairy tale of its „Bremen Town Musicians“: the city holds many more attractions. It invites you to its cosmopolitan and liberal urban culture, rich in local dance, music and theatre institutions as well as to a variety of outdoors activities in its famous parks and on the river Weser, or on the stormy shores of the Northern Sea – only a one hour car drive away.

Find details about the city of Bremen:

www.bremen.de

For further information please contact the Coordinator

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City of Bremen: The Town-Hall

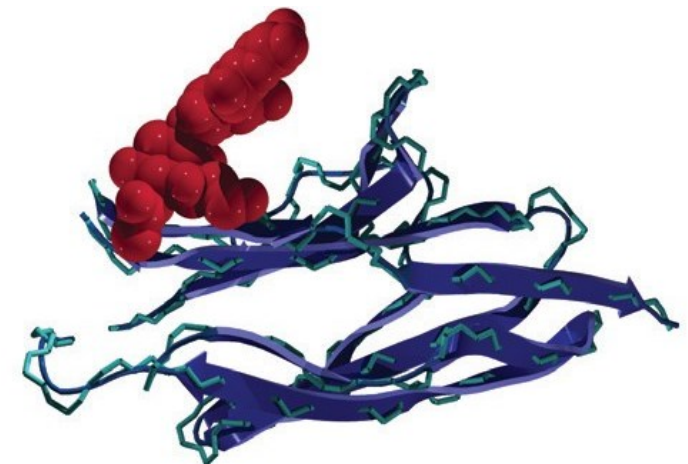
Herausgeber: Dr. Frank Dietz
Fachbereich2, Stand 2023

Master of Science in Biochemistry and Molecular Biology – A Two- Year-Program

You have a B.Sc. In Biology or Chemistry.

Do you want to get a thorough training in
Biochemistry within two years?

Study Biochemistry in
Bremen/Germany!



How is the program organized?

The education lasts four terms (two years). If you can work on your laboratory rotations between the terms, you can finish your education within eighteen months. The education is organized in mandatory courses (first term), courses which you can select (second term), laboratory rotations (third term), and a Master Thesis (fourth term).

What will you study?

You will receive a thorough education in biochemistry and molecular biology, which will expand your previous knowledge in chemistry or biology (or other related studies which you have finished with a B.Sc.) The mandatory course in biochemistry, molecular biology, cell biology and microbiology will go beyond your present level of knowledge and expand your background in chemistry or biology. Further modular courses will broaden and deepen the aspects of the courses taught in the first term. You will participate in the work of three different research groups, where you will gain knowledge about the scientific problems of the group, and the experimental techniques and approaches to tackle these problems. In the fourth term, you will work on your Master Thesis and defend it.

All courses will be given in English.

How do we take care of you?

For students whose native language is not German, an introductory course is organized at the beginning of the first term. You will get an intensive course in German, and basic information about living in Germany, the City of Bremen, and the University of Bremen. Intensive courses in Scientific English are available focusing on scientific writing skills.



Glass hall University of Bremen

How to qualify?

You must have one of the following a B.Sc. or M.Sc. in chemistry, biology, or related areas (pharmacy, biochemistry etc.), with marks above average.

You must prove, through a TOEFL or equivalent test, that your knowledge in English is sufficient.

You must participate in a written test, the results of which is used to rank all applicants. If possible, the written test will be given in your country.

How many students will be accepted?

The number of students in this course is limited. We aim to have students from many different countries, including Eastern Europe, Asia, Africa, and the Americas, in addition to students from Germany and the European Union.

Cost of Education

The education is offered free of charge. There are no tuition or examination fees.

The cost of living in Bremen for housing and food is around 500 € per month. In your application, you should indicate how you will raise this money. We will help with the organization of housing.

BMB

Biochemistry and Molecular Biology in Bremen

How and when to apply?

Applicants must apply via the central online application portal of the University of Bremen (MOIN):

<https://moin.uni-bremen.de>

Please see our site for further details and the necessary forms:

www.mscbmb.uni-bremen.de

You should send us a letter containing:

- a curriculum vitae
- a transcript of your B.Sc. examination (or its equivalent); if you will not finish your examination before September, you should give certified details that you will be able to receive your B.Sc. before the start of the education, and deliver a transcript at the start of the education
- an indication why you want to study this field
- Proof of proficiency in English: applicants whose native language is not English or whose last study was not completely in English language, must submit a proof of proficiency in English according to European Standard level C1

You will then be asked to take a written test of 120 minutes in the field of basic biochemistry, cell and molecular biology. The test will be performed in your country, or in Bremen.

Important dates

See our site

www.mscbmb.uni-bremen.de