



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Master's in Biochemistry

Ludwig-Maximilians-Universität München • München

Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	Courses are taught in English.
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	15 January for the following summer semester 15 July for the following winter semester
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The Master's programme in Biochemistry at the Ludwig-Maximilians-University is an international programme for German, European and international students and taught entirely in English. Located in the attractive city of Munich, it offers a modern campus with the university's life science faculties, the Gene Center, Max-Planck-Institutes for Biochemistry and Neurobiology, Helmholtz Institute and Biotech companies nearby. It is combined with beautiful surroundings, nature and a high quality of life.</p> <p>During the programme, internationally known researchers teach state-of-the-art theoretical, practical and organisational skills in biochemistry with a focus on how to independently conduct biochemical research. Aside from a thorough mandatory basic training in biochemistry, it offers a wide range of subjects to choose from as complementing major and minor topics in order to either develop students' broader knowledge around biochemistry or help students focus and specialise in a particular field in depth.</p> <p>A prerequisite for application to the programme is a Bachelor's in biochemistry or a related field with sufficient practical training as well as sufficient theoretical knowledge. Applicants to the programme are subject to a selection process. Upon selection, they must pass an entrance exam.</p>

Course Details

Course organisation

The programme is a two-year course of study that starts in April and October of each year. It is composed of three blocks each consisting of lab and theory modules which are accompanied by lectures and seminars with current topics from guest speakers.

The first block is mandatory. It gives students a deeper insight into basic concepts of biochemistry. This biochemistry block contains an advanced lecture module, a research lab course/ rotation and seminars. It is combined with a lab course/ rotation in methods in life sciences and a module in data analysis.

The second block is composed of a second major subject plus an extension topic. The second major subject can be chosen according to each student's interest among options from chemistry, cell biology or microbiology.

For an extension topic (a lecture module plus lab course/rotation module) we offer 16 options to choose from. Aside from the subjects offered for the major subject, there are subjects like structural biology, immunity, molecular cell biology and more. In exceptional cases, the second major subject can be replaced by two extension topics.

The third block is the Master's thesis. With a duration of six months, the thesis concludes the programme. During this time, students work independently on a scientific problem under the supervision of a group leader in a lab of their choice.

A Diploma supplement will be issued

Yes

International elements

- International guest lecturers

Integrated internships

Five lab rotations / practical courses are part of the programme. They provide the opportunity for students to develop their advanced technical skills. Depending on the chosen subjects, some lab courses require organisation on the student's part while others are pre-organised. A module in data analysis will teach students basic programming as well as mathematics and statistic skills for the evaluation and interpretation of experimental data.

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

124 EUR per semester

Costs of living

Living costs (including accommodation and health insurance) in Munich range from 1,000 to 1,200 EUR per month.

Funding opportunities within the university No

Requirements / Registration

Academic admission requirements A prerequisite for admission is a Bachelor's in Biochemistry or a related field with a good proportion of practical training as well as sufficient theoretical knowledge in basic biochemistry, chemistry, cell biology, genetics. Applicants are subject to a selection process and must pass an entrance exam.

Language requirements An excellent command of the English language is required. Applicants need to be able to read, write, understand and speak English fluently in order to follow the programme. No proof of English proficiency is needed.

Application deadline 15 January for the following summer semester
15 July for the following winter semester

Submit application to Ludwig-Maximilians-Universität München
Programme Coordination Master Biochemistry
Department of Biochemistry and Gene Center
Feodor-Lynen-Str. 25
81377 München
Germany

Services

Accommodation The International Office helps visiting academics, PhD students, and postdocs who are travelling to Munich for a set period of time to find accommodation.

For further information, please visit the following link:

<https://www.lmu.de/en/study/important-contacts/international-office/index.html>

Rooms in shared flats are popular on the private market and priced at 650 EUR per month if located in central parts of Munich.

Contact

Ludwig-Maximilians-Universität München
Department Biochemistry and Gene Center

Feodor-Lynen-Str. 25
81377 München

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🌐 Course website: <https://www.genzentrum.uni-muenchen.de/study-program/master/index.html>

International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor

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