



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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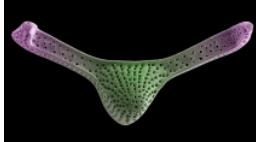
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# Master's degree



## Evolution, Ecology and Systematics (MSc)

Ludwig-Maximilians-Universität München • München



## Overview

Degree	Master of Science
Course location	München
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	Courses are held in English (100%).
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	28 February for the following winter semester For further information, please check our programme website.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No

### Description/content

As a student in the **EES programme**, you will take courses and conduct research in the fields of evolution, ecology, and systematics. We offer advanced courses in **population biology, genetics, phylogenetics, population genetics, behavioural ecology, theoretical biology, molecular evolution, human evolution, botany, zoology, limnology, marine biology, and bioinformatics**.

You will have the opportunity to conduct **several lab rotations** in various labs, and you will participate in seminars and conferences. You will also learn many important skills, such as **scientific and grant writing, giving presentations and leading discussions, and statistical analysis**.

The Faculty of Biology of the LMU Munich is made up of internationally recognised researchers and award-winning instructors. The faculty provides **excellent facilities** for contemporary research and studies in the modern "Biocenter", which is part of the HighTechCampus of the LMU Munich.

The curriculum of the Master's programme is based on **topic-related modules, including lectures, seminars, and practical courses**, with a strong emphasis on learning in the context of ongoing research projects. Training is kept as research-oriented as possible. The website of the Master of Science programme in **Evolution, Ecology and Systematics** is the best way to find out more about the programme and to gain an overview of current research areas: [www.ees.bio.lmu.de](http://www.ees.bio.lmu.de).

## Course Details

### Course organisation

The Munich Graduate School for Evolution, Ecology and Systematics is a collaboration between the Faculties of [Biology](#) and [Geosciences](#), the [Max Planck Institute for Biological Intelligence](#) in Seewiesen and the [Bavarian Natural History Collections](#) (i.e. [Zoological State Collections](#), [Botanical State Collections](#)). It is an accredited international Master's programme.

EES has a coordination team, a selection committee, a curriculum committee, and a board of directors. The programme consists of four semesters. In each semester, you will carry out research and learn new skills.

#### First semester – Basic Training:

During the first semester, students take courses in the main areas of the programme – evolution, ecology and systematic data and evidence, as well as working on their first research project (Individual Research Project, IRT) and learning how to present (Skills II) and write up (Skills I) scientific results. In the first interdisciplinary seminar, the focus will be on "Species Concepts, Adaptation and Speciation".

#### Second and third semesters – Specialisation:

In the second semester, students will move on to their second individual research project as well as learning how to design effective posters (Skills III). The seminar here focuses on "Global Change". In addition, students will take part in a statistics course and an excursion, which is mainly organised by ecology labs.

In the third semester, students will have their last set of required courses before moving onto the Master's thesis. They will be working on the final individual research project, and the skills course will focus on how to write a successful grant application (Skills IV). The final seminar will be on "Hot Topics in Evolution, Ecology and Systematics".

#### Fourth semester – Master's Module:

The Master's programme culminates in a 24-week period devoted to the researching, writing and defence of a Master's thesis. Through the **Master's thesis**, students prove their skills in conducting independent and responsible research. Additionally, the final module includes additional courses such as a research seminar and a colloquium.

A Diploma supplement will be issued

Yes

### International elements

- International guest lecturers
- Projects with partners in Germany and abroad
- Training in intercultural skills
- Content-related regional focus

### Integrated internships

Fieldwork is included in the programme as a component of the research courses.

Course-specific, integrated German language courses

Yes

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

Here's a basic outline of what you should budget for monthly living costs in Munich:

- Rooms in private housing including utilities: 500 to 800 EUR.
- Rooms in university housing: minimum 300 EUR, or 370 EUR including utilities.
- Health insurance: approx. 120 EUR.
- Meals: 250 to 300 EUR.
- Mobile phone: 15 to 30 EUR.
- Public transportation: discounted Deutschlandticket for students (29 EUR), valid for transport all over Germany.
- And there's good news! With a valid student identity card, you may have access to price reductions for Munich's many cultural events (like theatre, concerts, museums, and more), as well as at the many on-campus student cafeterias and cafés.

Funding opportunities within the university Yes

### Description of the above-mentioned funding opportunities within the university

There is no financial aid system offered by LMU Munich.

Enrolled LMU students can apply for scholarships such as

- Deutschlandstipendium
- LMU Study Scholarship for international students
- LMU Study Completion Scholarship for international students

For further information, please visit the following link:

<https://www.lmu.de/en/workspace-for-students/student-support-services/finance-your-studies/scholarships/index.html>

## Requirements / Registration

### Academic admission requirements

- You should have successfully completed a **three-year Bachelor's degree** programme with a total of **at least 180 ECTS** points in biology, evolution, ecology, systematics, sustainability, agricultural sciences or a related subject, e.g. bioinformatics, agricultural biology, forestry, chemistry, biochemistry or biophysics. If you have not yet completed your Bachelor's programme in one of the above-mentioned subjects, you should expect to do so within in the next months.
- **A transcript of records** from your Bachelor's degree that indicates your grade point average is required. If you are currently a Bachelor's student, a recent transcript of records with a preliminary average grade is required.

Language requirements **Proficiency in English:** equal to a B2 level, as defined by the Common European Framework of

Reference for Languages (CEFR), or proof of equivalent proficiency in English

**Application deadline** 28 February for the following winter semester  
For further information, please check our programme website.

**Submit application to** Online application via link  
  
The link for the online application can be found here:<http://www.ees.bio.lmu.de>

## Services

**Possibility of finding part-time employment** Part-time jobs in various working groups are often offered.

**Accommodation** For further information, please visit the following link: <https://ees.bio.lmu.de/student-life/accommodations1/index.html>

**Career advisory service** The faculty offers specific mentoring and advice from different perspectives: professors and teaching staff, coordination office, and alumni. Special fairs, career talks, and events for future job perspectives are regularly organised.

Besides the faculty, the career service of the LMU Munich, "Student und Arbeitsmarkt", offers a programme that accompanies students' studies. Here students gain professional orientation, additional qualifications and practical experience. They can increase their job prospects and prepare to work both in subject-related and non-subject-related professions. "Student und Arbeitsmarkt" carries out projects to improve the job prospects of graduates as well as contacts between the university and the employment market.

**Support for international students and doctoral candidates**

- Buddy programme
- Specialist counselling



## Ludwig-Maximilians-Universität München

The film gives an impression of what it is like to study, work and explore the world of research at LMU.

» more:

[https://www.youtube.com/watch?time\\_continue=1&v=ZtptUpHEMQE&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=1&v=ZtptUpHEMQE&feature=emb_logo)

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LMU Biocenter

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**Ludwig-Maximilians-Universität München** (LMU Munich) is recognised as one of the top-ranked universities in Europe. Research and teaching at the university's 18 faculties are committed to the **highest international standards of excellence**

Students can choose from over 200 degree programmes ranging from the humanities and social sciences to economics and law as well as medicine and natural sciences. A growing number of Master's and doctoral programmes are taught in English. The successful research is confirmed by a number of international rankings, including the **Times Higher Education Ranking (2023)**, in which LMU is ranked 33rd worldwide in the field of biological research and first in Germany.

[http://www.en.uni-muenchen.de/about\\_lmum/index.html](http://www.en.uni-muenchen.de/about_lmum/index.html)



## University location

Ludwig-Maximilians-Universität München forms part of a unique network of research institutions, foundations, and corporations in and around the city. Its campuses and a lively **international student community** constitute an integral part of the urban landscape. Home to approximately 1.5 million people, Munich is not only an **important hub for higher education, research, technology, and the media** With its renowned museums, galleries, theatres, and festivals, the **capital of Bavaria also ranks among the major European cultural centres** its proximity to the surrounding lakes and the Bavarian Alps adds to Munich's inimitable appeal.

## Contact

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 Course website: [https://ees.bio.lmu.de/the\\_program/topical-courses/index.html](https://ees.bio.lmu.de/the_program/topical-courses/index.html)

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 <https://de-de.facebook.com/lmu.muenchen/>

 <https://twitter.com/EESLMU1>

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

## Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.  
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## GATE-Germany

Consortium for International Higher Education Marketing  
[www.gate-germany.de](http://www.gate-germany.de)

## Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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