



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Master's degree



## MSc Astrophysics

Ludwig-Maximilians-Universität München • München

### Overview

Degree	Master of Science in Astrophysics
Course location	München
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	English
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	Applications must be submitted by <b>15 July</b> for the upcoming winter semester and by <b>15 January</b> for the upcoming summer semester.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No

#### Description/content

This Astrophysics Master's programme provides an in-depth overview of the various topics of astrophysics, from smallest to largest scales, and on the interrelations between them. Based on fundamental knowledge, the programme imparts specialised knowledge oriented towards current research questions. To this end, research methods, strategic planning of the approach, critical evaluation of scientific findings, independently responsible action as well as professionally relevant key qualifications are of central importance. The ability to think astrophysically and to proceed physically methodically in theory and practice is trained during the studies. This training results from an interplay between lectures, exercises, lab work, seminars, colloquia, tutorials, and excursions. The programme's curriculum enables a focus on both observational/instrumental and theoretical/computational aspects.

Ludwig-Maximilians-Universität München (LMU) is a [worldwide highly ranked university](#), one of the leading universities in Germany, and part of the German Universities Excellence Initiative. It looks back on a history of over 550 years. Several Nobel laureates, Leibniz prize winners, ERC grand holders and Humboldt professorships have been affiliated with LMU Faculty of Physics. Students of the Astrophysics Master's programme get the possibility to learn and work closely with worldwide recognised researchers with a strong international network and do state-of-the-art research.

LMU forms an integral part of the exceptionally broad-based network of research institutions, universities, foundations, and corporations based in Munich. The city's other research institutions,

including the Technische Universität München, the Max Planck Society and the Fraunhofer Society, as well as global enterprises and a vibrant start-up scene are closely intertwined with LMU, as are the Max-Planck Institutes and the European Southern Observatory (ESO) in Garching (close to Munich) intertwined with the University Observatory.

All this builds the framework for an outstanding education and prepares the graduates of the Astrophysics Master's programme at LMU for an international career.

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## Course Details

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Course organisation	The <a href="#">curriculum for the MSc Astrophysics</a> covers four semesters. In the first and second semesters, students attend advanced courses in astrophysics and physics and choose a field of specialisation. In the third and fourth semesters – accompanied by colloquia, tutorials and seminars – the Master's thesis is written.  <a href="#">» PDF Download</a>
International elements	<ul style="list-style-type: none"><li>• International guest lecturers</li><li>• Integrated/optional study abroad unit(s)</li></ul>
Integrated/optional study abroad unit(s)	There are <a href="#">numerous opportunities to go abroad</a> as part of the degree programme.
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

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## Costs / Funding

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Tuition fees per semester in EUR	None
Semester contribution	Currently about 85 EUR per semester (Fee amount can change – please check <a href="#">here</a> .)
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	Funding opportunities can be found <a href="#">here</a> .

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## Requirements / Registration

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Academic admission requirements	The application for the MSc Astrophysics requires a first professional university degree or an equivalent degree from Germany or abroad in one of the subject areas physics, astrophysics or in
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another mathematical-scientific subject area.

Further information on the application process can be found [here](#).

<b>Language requirements</b>	No proof of English or German is needed. C1 level in English is recommended.
<b>Application deadline</b>	Applications must be submitted by <b>15 July</b> for the upcoming winter semester and by <b>15 January</b> for the upcoming summer semester.
<b>Submit application to</b>	All applicants must apply to the Faculty of Physic / University Observatory to take part in the aptitude procedure.  In addition, applicants without a German university entrance qualification must apply at the LMU International Office for admission to the university.  Further information can be found <a href="#">here</a> .

## Services

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<b>Accommodation</b>	A helpful website for searching for accommodation can be found <a href="#">here</a> .
<b>Career advisory service</b>	LMU students, doctoral candidates or graduates can make use of the <a href="#">LMU Career Services</a> , giving them the opportunity to get a head start on their careers.
<b>General services and support for international students and doctoral candidates</b>	The <a href="#">International Office</a> provides a wide range of services for students.

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## Contact

### Ludwig-Maximilians-Universität München

Fakultät für Physik

Schellingstraße 4  
80799 München

✉ [studium@physik.uni-muenchen.de](mailto:studium@physik.uni-muenchen.de)

🌐 Course website: <https://www.physik.lmu.de/en/studies/study-programs/msc-astrophysics/index.html>

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

📷 <https://www.instagram.com/physik.lmu/>

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# International Programmes in Germany - Database

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## Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.  
German Academic Exchange Service  
Section K23 – Information on Studying in Germany  
Kennedyallee 50  
D-53175 Bonn  
[www.daad.de](http://www.daad.de)

## GATE-Germany

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

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