



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



MSc Meteorology

Ludwig-Maximilians-Universität München • München

Overview

Degree	Master of Science in Meteorology
Teaching language	<ul style="list-style-type: none">English
Languages	English
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	Applications must be submitted by 15 July for the upcoming winter semester and by 15 January 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	<p>The Master of Science in Meteorology programme is aimed at deepening knowledge in atmospheric physics and the application of its methods. A wide choice of elective courses is offered specialising in research topics of the Meteorological Institute Munich and the Institute of Atmospheric Physics of the German Aerospace Center (DLR) at Oberpfaffenhofen near Munich. The Master's programme can be structured along two focus areas offered: "Weather Predictability and Data Assimilation" and "Radiation, Atmosphere and Climate". Two mandatory courses for all students will provide the necessary foundation in the first semester. Elective courses either help you to strengthen your study focus on one of the areas or allow you to gain a wide overview. While the first area focuses on the application of theoretical hydrodynamics to improving weather forecasts, the second one relates to radiation in the atmosphere and its microscale interactions with large scale motion and future climate.</p> <p>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 Meteorology 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.</p> <p>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.</p>

All this builds the framework for an outstanding education in meteorology and prepares the graduates of the Meteorology Master's programme at LMU for international careers.

Course Details

Course organisation	The curriculum for the MSc Meteorology comprises four semesters. In the first and second semesters, students take compulsory courses in meteorology and elective courses from the various research areas of the faculty. The one-year Master's project takes place in the third and fourth semesters.
International elements	<ul style="list-style-type: none">• Integrated study abroad unit(s)
Integrated study abroad unit(s)	If desired, a part of the curriculum can be studied at one of LMU's numerous partner universities abroad. Further information on this can be found here .
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	Currently about 124 EUR per semester (The fee amount can change; please check here .)
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	Funding opportunities can be found here .

Requirements / Registration

Academic admission requirements	<p>The application for the MSc Meteorology requires a first professional university degree or an equivalent degree from Germany or abroad in one of the subject areas of physics, astrophysics, meteorology or in another mathematical-scientific subject area.</p> <p>Further information on the application process can be found here.</p>
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Language requirements	No proof of English or German is needed. B2 level in English is recommended.
Application deadline	Applications must be submitted by 15 July for the upcoming winter semester and by 15 January for the upcoming summer semester.
Submit application to	All applicants must apply to the Faculty of Physics 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 here .

Services

Accommodation	A helpful website for searching accommodation is provided by the Munich Student Union .
Career advisory service	LMU students, doctoral candidates and graduates can make use of the LMU Career Network , which gives them the opportunity to get a head start for their careers.

Contact

Ludwig-Maximilians-Universität München

Fakultät für Physik

Geschwister-Scholl-Platz 1
80539 München

✉ studium@physik.uni-muenchen.de

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

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

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

Last update 27.07.2024 03:35:24

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

GATE-Germany

Consortium for International Higher Education Marketing
www.gate-germany.de

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The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry
of Education
and Research