



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Master of Science in Meteorology (research-oriented)

Johannes Gutenberg University Mainz • Mainz

Overview

Degree	Master of Science in Meteorology
Teaching language	<ul style="list-style-type: none">English
Languages	Courses are held in English. Courses for the minors in Physics and Business Administration are also available in English. However, other minors may be held in German, and therefore, these minors require knowledge of German.
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	JGU Mainz currently offers an open application season with no fixed deadline for applications. Please be aware that normal processing times between submitting a completed application and receiving a decision on your application spans about six to seven weeks, although some applications may take longer to evaluate. For more information, please contact the programme coordinator.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The students of our Master's programme benefit from an exceptionally wide range of research opportunities, providing them with a choice of five research groups covering several fields from theoretical and experimental meteorology. During the Master's degree programme, our students benefit from a number of unique programmes that are offered by the Waves to Weather "Sonderforschungsbereich" (special research group), the Research Training Group, and the nearby Max Planck Institute for Chemistry and Polymers Research.</p> <p>While our programme for atmospheric physics is internationally recognised for its strong focus on research, the excellent student-to-faculty ratio allows for lectures on a remarkably wide range of topics. These include the fields of atmospheric dynamics, clouds and aerosol, atmospheric chemistry, radiation and modelling in general.</p> <p>The exact programme content depends on the specialised subjects chosen. Please find more detailed information about the content in our student handbook, which is available below.</p> <p>During the Master's degree programme, our students benefit from a number of unique programmes that are offered by the Waves to Weather "Sonderforschungsbereich", TPChange, the Research Training Group, and the nearby Max Planck Institute for Chemistry and Polymers Research.</p>

Course Details

Course organisation	<p>The first semester is dedicated to basic knowledge and understanding of four core areas: dynamics of weather and climate, clouds and aerosols, modelling, and composition of the atmosphere. From the second semester on, students specialise in two of the four core areas and gain advanced knowledge in the chosen core areas. Topical lectures complement the specialisation in the respective field of meteorology. During this time, students gain new insights into experimental and theoretical meteorology with lectures and accompanying exercises. They also participate in one seminar and an advanced lab course. The courses for the chosen minor are taken during the first three semesters as well.</p> <p>During the third semester, students gain specialised knowledge and various methods required for the Master's thesis. The Master's thesis and final oral examination are scheduled for the fourth semester.</p> <p>Please find more detailed information about our degree programme below. https://www.studies.fb08.uni-mainz.de/meteorology/structure-of-degree-programs/master-of-science/</p> <p>» PDF Download</p>
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none">• International guest lecturers
Integrated internships	An internship is not an essential part of the programme. However, the university is located in the economically thriving Rhine-Main metropolitan area. Companies in this region are glad to welcome interns from our Master of Science in Meteorology programme.
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	<p>Approx. 350 EUR per semester</p> <p>The fee includes a semester ticket covering public transport in the Rhine-Main metropolitan area and a discount at the university's cafeterias.</p>
Costs of living	Approx. 800 EUR per month for rent, food and personal expenses, depending on personal preferences
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements

Applicants are required to provide proof of a Bachelor's degree in Meteorology with a minimum grade of 3.0 (sufficient) or an equivalent final degree from a university in Germany or abroad. Applicants with a grade of less than 3.0 may apply for a selection interview.

Language requirements

Applicants must provide a proof of English proficiency. There are several ways to do this.

1. High school diploma / secondary school-leaving certificate from an English-speaking institution
2. University degree in a study programme taught in English
3. German "Abitur" with appropriate English courses
4. First Certificate in English (University of Cambridge ESOL Examinations) or higher level (Advanced [CAE] or Proficiency [CPE])
5. IELTS (International English Language Testing System) with a result of 5.5 or higher
6. TOEFL (Test of English as a Foreign Language) with a result of 213 (computer-based test [CBT]) or 79 (Internet-based test [IBT]) or 550 (paper-based test [PBT])
7. Telc English B2

Exemption is possible for native speakers.

The test date may not be older than three years at the time of the application.

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Submit application to

<https://www.studium.uni-mainz.de/en/your-application/masters-degrees>

Services

Possibility of finding part-time employment

EU citizens may work up to 20 hours per week (without losing their student status and the connected reduction of fees for social security insurance). Students with all other nationalities may work for up to 120 days (or 240 half days) per year without restriction of job field or up to 20 hours per week in special student jobs (typically at the university). Student jobs are available at the Institute of Meteorology every semester.

Accommodation

Numerous shared houses or apartments as well as rooms in student housing make life affordable and allow getting in touch with other students. More information is available [here](#).

Career advisory service

The career service at JGU offers individual counselling, workshops and training as well as recruiting events to all JGU students.

Support for international students and doctoral candidates

- Welcome event
- Buddy programme

General services and support
for international students
and doctoral candidates

International Office:
<https://www.international-office.uni-mainz.de/>

Contact

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🌐 Course website: <https://physics.uni-mainz.de/en/degrees/master-of-science-in-meteorology/>

📘 <https://de-de.facebook.com/uni.mainz/>

🐦 https://twitter.com/ipawetter_mainz?lang=de

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International Programmes in Germany - Database

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Disclaimer

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