Deutscher Akademischer Austauschdienst
German Academic Exchange Service

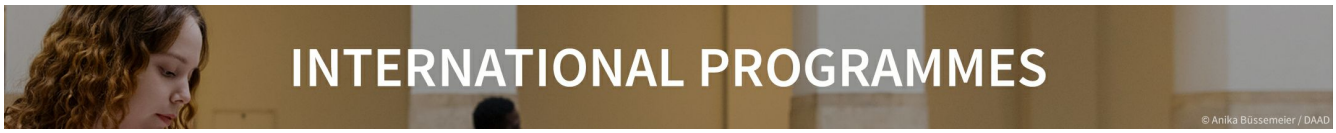

Table of Contents

Master's degree

Meteorology

Leipzig University • Leipzig

Overview

Degree	Master of Science
Teaching language	• English
Languages	Courses are held in English (100%).
Full-time / part-time	• full-time
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	31 May for the following winter semester (uni-assist) 31 December for the following summer semester (uni-assist) The application periods start approximately eight weeks before the deadline.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	The English Master's degree programme in "Meteorology" is**research-oriented**, and it conveys in-depth insight into the theoretical and experimental working methods in meteorology. Students should learn to independently tackle and answer current questions in **general, applied and theoretical** meteorology. **The study includes modules in the following:** • theoretical meteorology, including dynamics, radiative transfer and remote sensing theory • applied meteorology, including synoptics, weather discussion and experimental methods • experimental and numerical practical courses • a wide meteorological area and an interdisciplinary elective area The programme is intended to prepare students for a wide range of careers. They will gain the necessary **technical knowledge, skills and methods**to be able to work scientifically, think independently and act accordingly. This provides the basis for professional development and for the pursuit of further training across the full range of career options.

At the Leipzig Institute for Meteorology, teaching and research are closely linked. The Master's programme is focused on the current research content of the Institute of Meteorology and its cooperation partners.

Meteorological research in Leipzig can be traced back almost five centuries. The Leipzig Institute of Meteorology maintains this tradition and is now a recognised national centre for meteorological research and teaching. Our institute's research uses **global climate and weather models** as well as observational data to study processes that govern the development of weather and climate in the troposphere, middle and upper atmosphere. Our joint goal is a better understanding of the effects and processes of climate change, particularly in the Arctic region. **Observational data** from satellite-based, airborne and ground-based measurements are analysed, a large part of which is collected in international measurement campaigns.

Scientists work in five working groups at the Leipzig Institute for Meteorology (Atmospheric Radiation, Meteorology of Upper and Middle Atmosphere, Clouds and Global Climate, Remote Sensing and Arctic Climate System, Aerosols and Clouds).

The Leipzig Institute of Meteorology is closely linked in teaching and research withTROPOS. It is also active in national and international integrated projects like the transnational research centre (AC)^3 (www.ac3-tr.de) and the priority programme HALO (www.halo-spp.de). Specific research projects are organised in collaboration with the Leibniz Institute for Tropospheric Research - TROPOS (www.tropos.de), the Helmholtz Centre for Environmental Research - UFZ (www.ufz.de) and many international partners. In particular scientists from TROPOS offer specialised courses on regular basis in the frame of the Master's programme on meteorology.

Course Details

Course organisation	The programme consists of **four semesters** and is focused on the current research content of the Institute of Meteorology and its cooperation partners. It includes: • a **compulsory area** for an intensive study of basic meteorology, including dynamics and synoptics • a **compulsory elective area** in general, experimental, and theoretical meteorology, which is structured directly by the scientific working groups of the institute • a **research area** with intensive training in a scientific subject The programme is completed in the fourth semester with a Master's thesis. After graduation, you will be able to contribute to meteorological research at an international level. » PDF Download
A Diploma supplement will be issued	Yes
International elements	• Projects with partners in Germany and abroad
Integrated internships	There are possibilities to complete internships at the following institutions: • Leibniz Institute for Tropospheric Research • Helmholtz Centre for Environmental Research – UFZ • German Weather Service (DWD), Branch Office Leipzig
Course-specific, integrated German language courses	No
Course-specific, integrated	No

English language courses	

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	266.90 EUR
Costs of living	About 900 to 1,000 EUR per month
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements

GENERAL QUALIFICATION for the degree course is proven by a first professionally recognised degree qualification or a qualification from a state or state-recognised university of cooperative education (German "Berufsakademie"). Further certificates have to be acknowledged by the responsible and officially recognised administration.

Our service for applicants holding an international degree provides a check for university admission to find out if you are qualified to study in Germany using your educational certificates. Information on important additional country-specific requirements is also given.

SUBJECT SPECIFIC REQUIREMENTS

- a first professionally recognised degree qualification in natural sciences with at least two courses on basics in physics or higher mathematics or
- evidence that the applicant can achieve this qualification in the regular course of study by the start of the Master's degree course and
- proof of knowledge of the English language at level B2 of the Common European Framework of Reference for Languages (or equivalent; see "language requirements").

Bachelor's degrees in related subjects may be acknowledged by the examination board if sufficient physical and mathematical knowledge can be demonstrated. The board may impose constraints and tests for admission.

The application procedure is described here:https://www.uni-leipzig.de/en/international/studying-at-leipzig-university/prospective-students/masters-programmes.

Language requirements

English language proficiency equivalent to the B2 level of the Common European Framework of Reference for Languages is required.

Applicants need to submit one of the following proofs/certificates:

- Certificate of European B2 Level in English Language
- TOEFL scores (minimum): PBT: 543, cBT: 207, iBT: 72
- IELTS score (minimum): 5.5
- Cambridge FCE (minimum): Grade B or C
- TOEIC (minimum): Listening and Reading: 785, Speaking: 160, Writing: 150, all four modules
- Pearson PTE Academic (minimum): 59

The language skills are intended to enable students to follow lectures and other courses in English

	and to be able to communicate spontaneously in English. Certified knowledge of German is not required.
Application deadline	31 May for the following winter semester (uni-assist) 31 December for the following summer semester (uni-assist) The application periods start approximately eight weeks before the deadline.
Submit application to	The application is an online application via **uni-assist**. Details are provided on the university website: **Application Procedure**. Applicants with a German BSc degree submit their application via AlmaWeb.

Services

Possibility of finding part-time employment	There are work opportunities for students. The income from typical student jobs is capped at 520 EUR per month. Students may be employed for homework corrections, programming, data processing, specific laboratory and field work, or tutorials.
Accommodation	Student halls of residence run by the "Studentenwerk Leipzig" (https://www.studentenwerk-leipzig.de/en/housing/our-student-halls-residence), shared apartments, accommodation services and estate agencies
Career advisory service	https://www.uni-leipzig.de/en/studying/guidance-and-services/career-service
Support for international students and doctoral candidates	• Welcome event
General services and support for international students and doctoral candidates	The guidance and support of our international students is provided centrally by our "International Centre". This includes areas before the studies (application, enrolment, advice on study programmes and the start of studies) and during the studies (e.g. study abroad). Our international students also receive comprehensive advice from the "Studentenwerk Leipzig", which not only covers the area of housing, but fields like psychosocial and social counselling and legal advice.

Contact

Leipzig University
Faculty of Physics and Earth Sciences

Dr Christian Chmelik

Linnéstraße 5
04103 Leipzig

Tel. +49 3419732403
chmelik@uni-leipzig.de
Course website: https://www.physgeo.uni-leipzig.de/en/institute-for-meteorology/studyingatourinstitute/prospectivestudents
International Centre

Tel. +49 3419732080
Email
Dr André Ehrlich

Tel. +49 3419732874
a.ehrlich@uni-leipzig.de

Last update 02.12.2024 12:50:49

International Programmes in Germany - Database

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

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

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