



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Space Sciences and Technologies (Space-ST)

University of Bremen • Bremen

Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	Courses are held in English. German language classes can be chosen as an elective module.
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	30 April for the following winter 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 application-oriented, international Master's programme in Space Sciences and Technologies (Space-ST) covers the three main data handling technologies:</p> <ul style="list-style-type: none">SensingProcessingCommunication <p>The programme offers a choice of two areas of focus: Physics for Space Observation and Information Technologies for Space.</p> <p>The programme provides knowledge in the fields of remote sensing, earth observation, retrieval theory, electronics, communication, digital image processing and data analysis.</p> <p>Lectures and example classes as well as the interdisciplinary laboratory practical classes with experiments from the three subject areas offer the possibility to deepen the learned theories and methods with practical examples. The international Master's programme is taught entirely in English.</p>

Course Details

Course organisation The structure of the programme is modular and comprises compulsory core modules, specialisation subjects, elective modules and practical courses. In the first academic year (first and second semesters), students read about the foundations and choose one out of two specialisation subjects (either Physics for Space Observation or Information Technologies for Space). In the second academic year (third and fourth semesters), the study of the specialisation subject continues and research starts, culminating in the Master's thesis.

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A Diploma supplement will be issued Yes

Integrated internships Lab work (internship) is integrated into the 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 The semester contribution amounts to approx. 345 EUR, including a ticket for the public transport system in Bremen and the region for six months. The fee has to be paid each semester.

Costs of living Germany is not particularly expensive compared to other European countries. On average, international students have to spend around 950 to 1,000 EUR per month. This sum comprises the expenses for rent, travel expenses, expenditures for food, clothing, learning materials, health insurance, telephone, Internet, radio and TV licence fees, and recreational activities.

Funding opportunities within the university Yes

Description of the above-mentioned funding opportunities within the university The University of Bremen takes part in the government's programme "Deutschlandstipendium". Upon successful application, excellent students are granted a scholarship of 300 EUR per month for the duration of one year.

<https://www.uni-bremen.de/en/deutschlandstipendiat.html>

Requirements / Registration

Academic admission requirements Academic admission requirements include a first academic degree (equivalent to a Bachelor's degree) in Electrical Engineering, Physics, Systems Engineering, Industrial Mathematics, Electrical

Engineering with Management or a course of studies which does not reveal any significant differences in the content, scope and requirements of those mentioned above, with at least 180 credit points (CP) according to the European Credit Transfer and Accumulation System (ECTS).

The degree must include either 90 CP in physics or 65 CP in electrical engineering and 16 CP in mathematics courses.

English language skills at a level of C1 (see language requirements)

Letter of motivation stating reasons why you have chosen to apply for the MSc Space Sciences and Technologies programme

Language requirements	English language skills at a level of C1 according to the Common European Framework of Reference for Languages (e.g. TOEFL test result with a minimum score of 95 iBT, IELTS test result of at least Bd. 7.0, etc.)
Application deadline	30 April for the following winter semester
Submit application to	https://www.uni-bremen.de/en/master

Services

Accommodation	<p>The "Studentenwerk", the local organisation that manages the student dormitories, offers modern accommodation facilities (single rooms, shared flats, etc.) The rooms have modern furnishings and either a kitchenette or an electric stove, depending on the unit, but they all have a fridge, sink and bathroom. There is no need for you to bring your own furniture. The residences are located near the university, most of them within walking distance. Rents for one-room apartments vary depending on the size and type of room and are currently around 300 to 380 EUR, so they are usually well below market prices.</p> <p>For further information and application, see: https://www.stw-bremen.de/en/wohnen/student-accommodation.</p> <p>However, the "Studentenwerk" offers only a limited number of rooms and the waiting lists are long. For this reason, many students look for and find a room or flat on the private market (prices are slightly higher).</p>
Career advisory service	https://www.uni-bremen.de/en/career-center/
Support for international students and doctoral candidates	<ul style="list-style-type: none">• Specialist counselling• Welcome event
General services and support for international students and doctoral candidates	Arrival support: After admission, we provide you with further information on how to proceed. The Space-ST office provides counselling services and help in programme-related questions and beyond.

Contact

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🌐 Course website: <http://www.uni-bremen.de/en/spst>

📷 https://www.instagram.com/uni_bremen/?hl=de

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International Programmes in Germany - Database

www.daad.de/international-programmes

www.daad.de/sommerkurse

Editor

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German Academic Exchange Service

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GATE-Germany

Consortium for International Higher Education Marketing

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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