



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"><li>English</li></ul>
Languages	Courses are held in English. German language classes can be chosen as an elective module.
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	30 April for the following winter semester starting on 1 October
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	The programme combines physics and electronics engineering. It is application-oriented and provides knowledge in the fields of remote sensing, earth observation, retrieval theory, electronics and communications. Lectures on measurement techniques impart advanced skills and methods in sensing and processing. Methods of data transmission in communication networks complete the range in the field of communications.

### Course Details

Course organisation	<p>The structure of the programme is modular and comprises mandatory core modules, specialisation subjects, elective modules and practical courses. In the first academic year (semesters one and two), 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 (semesters three and four), the study of the specialisation subject continues and research starts, culminating in the Master's thesis.</p> <p><a href="#">» PDF Download</a></p>
A Diploma supplement will	Yes

be issued

**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 is around 380 EUR and is due every semester. It includes the costs for a semester-long public transport ticket for Bremen and the region.

**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/deutschlandstipendiat.html>

## Requirements / Registration

**Academic admission requirements** Academic admission requirements include a first academic degree (equivalent to the 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), thereof 90 CP in physics or 65 CP in electrical engineering and 16 CP in mathematics courses.

**Language requirements** English (C1)

**Application deadline** 30 April for the following winter semester starting on 1 October

**Submit application to** <https://www.uni-bremen.de/master>

## Services

### Accommodation

On and near campus, there are single flats and shared flats for up to eight people, provided by the Student Service Office (in German: "Studierendenwerk"). The rent per person for these rooms ranges from 200 EUR to 400 EUR.  
See <http://www.stw-bremen.de/> for application and further information.  
However, managing to get a room in one of the shared flats can be hard, and the waiting lists for single apartments are long.  
Most students do not live in these residences. Instead, they usually find a room or flat on the private market. The price range is higher there.

### Career advisory service

<https://www.uni-bremen.de/en/career-center/>

### Support for international students and doctoral candidates

- Buddy programme
- Specialist counselling

### General services and support for international students and doctoral candidates

The Study Centre at Department 1 provides counselling services and help in programme-related questions and beyond.

## Contact

### University of Bremen

Faculty of Physics and Electrical Engineering

Prof Dr Annette Ladstätter-Weißenmayer

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28359 Bremen

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✉ [spacest@uni-bremen.de](mailto:spacest@uni-bremen.de)

🌐 Course website: <https://www.uni-bremen.de/en/fb1/studies/degree-programms/space-sciences-and-technologies-space-st-msc>

📷 [https://www.instagram.com/uni\\_bremen/?hl=de](https://www.instagram.com/uni_bremen/?hl=de)

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

## Editor

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## GATE-Germany

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