

 **Universität Bremen***
***EXCELLENT.**

Master of Space Engineering (SpE)

Conditions and fees

- The program is free – no tuition fees
- Semester fee, including free public transport, approx. 300 € per semester

Cost of Living

- Health insurance during your stay in Germany: approx. 60 € per month.
- Accommodation on the campus: approx. 600 € per month

Sport programs:

Facilities for all kinds of sports activities exist on campus from aerobics to soccer and even unicycle courses.



Dormitory:

Modern accommodation facilities are available on the campus or nearby.



If you have ...

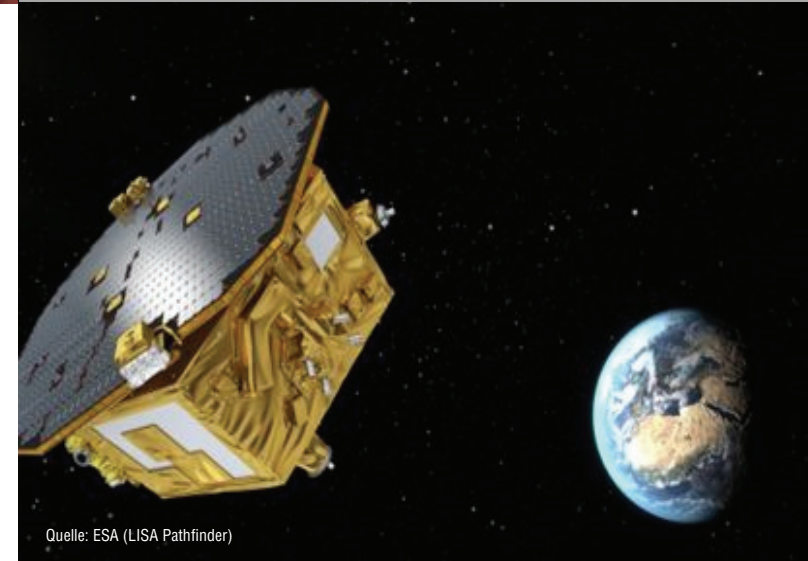
- a Bachelor (or a comparable academic degree) in Engineering, Physics, Techno-Mathematics or a comparable field (180 CP / 210 CP)
- English language skills (at least level C1)
- German language skills (at least level B1)

contact us!

eMail: space-engineering@uni-bremen.de
web: www.space-engineering.uni-bremen.de

Universität Bremen
Office Space Engineering
Maria Petrogiannis
ZARM, Am Fallturm 2
28359 Bremen

CENTER OF
APPLIED SPACE TECHNOLOGY
AND MICROGRAVITY



Quelle: ESA (LISA Pathfinder)



Fachbereich 4
Produktionstechnik
Maschinenbau &
Verfahrenstechnik

Faculty 4
Production Engineering
Mechanical Engineering &
Process Engineering



Be part of the new Space Era!

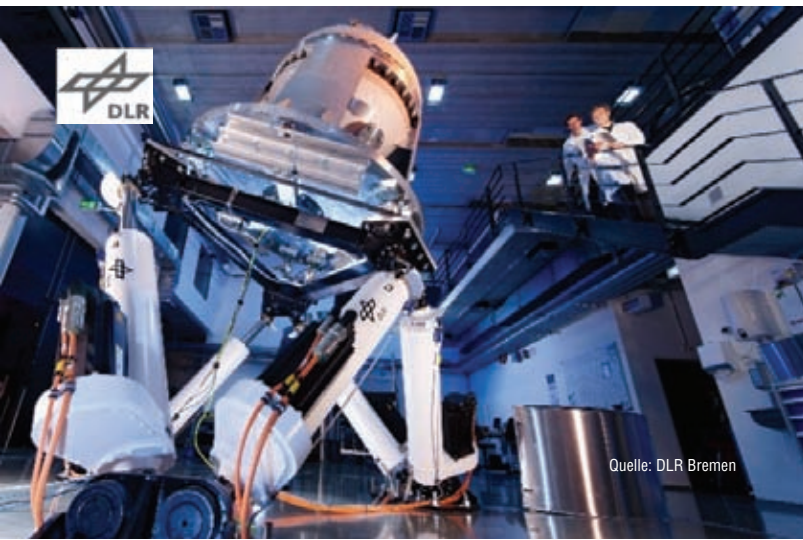
Do you want to be at the fore front of the development of exciting new technologies for space? Then join the SpE Master's Program at the University of Bremen!

Space exploration and human space flight are on the edge to a new era. The term space 4.0 was created to describe the new development in which private companies take over more responsibilities and contribute to humanities step out into space. In turn exciting career opportunities arise for well-educated space engineers.

Bremen is one of the major space centers in Europe where satellites as well as manned space labs are developed and produced.

The Center of Applied Space Technology and Microgravity (ZARM) at the University of Bremen and the Institute for Space Systems in Bremen, which is part of the German Aerospace Center (DLR), are leading institutions in applied space technology and space flight systems. Both institutes support the SpE master's program.

The University of Bremen is one of Germany's eleven top universities of excellence, renowned for its strengths in sciences and engineering. With the asset of the neighboring technology park and the DLR it creates a nationally recognized hub of high technology.

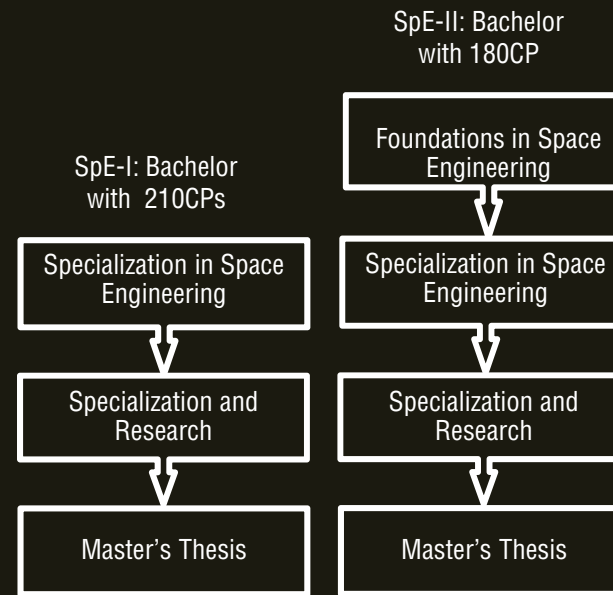


Quelle: DLR Bremen

Master Program

- Internationally recognized Academic Degree
- All lectures in English

Lectures are organized in the following modules:



Degree:

Master of Science (M.Sc.)

Duration:

- SpE-I: 3 semesters
- SpE-II: 4 semesters

Starting Dates:

- winter term: october 1st
- summer term: april 1st

Qualification and Perspectives

Learn

- Space Engineering Skills
- About Space Environment and Space Physics
- About Technologies for Space Applications
- To design, realize and test
 - Space Systems, e.g. Satellites and Launch Vehicles
 - Payloads for various Mission Scenarios dedicated for: Earth Observation, Science, Navigation, and Communication

Get trained by experts from the faculties of Product Engineering, Physics & Electrical Engineering, and Mathematics & Computer Sciences at the University of Bremen, Germany.

Participate

in modern research by preparing a thesis about a project of your choice .

Your future career

can be in industry with respect to space applications and/or in fundamental sciences as part of our PhD program following a successful completion of the SpE master's program.

