



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Bachelor's degree



Sustainable Resources, Engineering and Management (StREaM)

Magdeburg-Stendal University of Applied Sciences • Magdeburg



Overview

Degree	Bachelor of Engineering (BEng)
Teaching language	<ul style="list-style-type: none">English
Languages	Courses are held in English (100%). Students have the possibility to take elective modules taught in German.
Full-time / part-time	<ul style="list-style-type: none">full-time
Mode of study	Less than 50% online
Programme duration	7 semesters
Beginning	Summer semester
Application deadline	Applicants with foreign certificates: 30 November Applicants with German certificates: 15 January
Tuition fees per semester in EUR	None
Joint degree / double degree programme	No

Description/content

StREaM is an interdisciplinary, international Bachelor's programme that combines engineering and economics, with a special focus on sustainability as an overlapping theme. On the one hand, students acquire basic knowledge in engineering and in economics. On the other hand, they gain knowledge and understanding of the principles of sustainable development as well as its importance for the economy and industry, the environment and the society in Germany as well as worldwide.

Students acquire skills and competencies that allow them to do the following:

- identify and analyse problems that intersect engineering and economics, and work with others to develop solutions to these problems
- plan, carry out and evaluate sustainability projects, while taking into account engineering,

- economic, ecological, societal and cultural perspectives
- communicate, collaborate and cooperate successfully within interdisciplinary and intercultural contexts, also while using digital tools
- reflect upon their development of personal competencies and continually improve themselves

Course Details

Course organisation	<p>Sustainability as an overlapping theme</p> <p>Fundamentals of Engineering and Environmental Sciences, e.g., in the following:</p> <ul style="list-style-type: none"> • Materials and Production Engineering • Ecology and Resources • Renewable Energy Systems <p>Fundamentals of Economic Science, e.g., in the following:</p> <ul style="list-style-type: none"> • International Accounting and Finance • Production Management and Global Supply Chains • Business Development <p>Acquisition of transversal competencies through:</p> <ul style="list-style-type: none"> • Intercultural Projects and Teamwork • German as a Foreign Language • Ethics and Social Responsibility • Personal Development and Elective Modules • Internship
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none"> • International guest lecturers • Integrated study abroad unit(s) • Specialist literature in other languages • Language training provided • Training in intercultural skills • Study trips • Courses are led with foreign partners • Projects with partners in Germany and abroad • International comparisons and thematic reference to the international context • Content-related regional focus
Integrated study abroad unit(s)	The sixth semester includes a mobility window. Students can choose between an internship in Germany or abroad or studying abroad.
Integrated internships	<p>The sixth semester includes a mobility window. Students can choose between an internship in Germany or abroad or studying abroad.</p> <p>The seventh semester includes an internship in Germany or abroad that is intended for the Bachelor's project.</p>
Course-specific, integrated	Yes

German language courses

Course-specific, integrated English language courses	No
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Online learning

Pace of course	Instructor-led (Specific due dates for lectures/assignments/exams)
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Phase(s) of attendance in Germany (applies to the entire programme)	Yes, compulsory
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Types of online learning elements	<ul style="list-style-type: none">• Access to databases with study material• Discussion forums and / or groups• Flipped Classroom• Online sessions• Online study material provided by institution• Other• Video learning (Pre-recorded videos, Vlogs, Video-Podcasts)
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Costs / Funding

Tuition fees per semester in EUR	None
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Semester contribution	Approx. 130 EUR per semester (including a semester ticket covering public transport in Magdeburg)
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Costs of living	Accommodation: approx. 250 EUR Costs of living: approx. 200 EUR Students who have to apply for a visa need proof of sufficient financial resources (853 EUR per month).
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Funding opportunities within the university	Yes
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Description of the above-mentioned funding opportunities within the university	International students (from their second year of studies) can apply for scholarships such as the Otto von Guericke Scholarship (500 EUR per month for one year), the Deutschlandstipendium (Germany Scholarship) (300 EUR per month for one year) or the DAAD prize (a one-off payment of 1,000 EUR).
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Studies and internships abroad can be supported via ERASMUS+ or PROMOS where appropriate.

Requirements / Registration

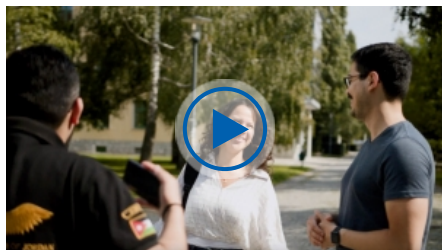
Academic admission requirements	No restricted admission
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Special admission requirement:
Evidence of English language knowledge must be provided (see language requirements below).

Language requirements	<p>Evidence of English language knowledge at the following level must be provided: Level B2 or above according to the Common European Framework of References for Languages (CEFR).</p> <p>Evidence of the necessary English language skills can be provided in the form of one of the following:</p> <ul style="list-style-type: none">• TOEFL (Test of English as a Foreign Language), iBT 72 to 94 points• IELTS (International English Language Testing System), points: 5.0• telc B2 – Certificate• UNIcert II• Cambridge First Certificate in English (FCE)
Application deadline	<p>Applicants with foreign certificates: 30 November</p> <p>Applicants with German certificates: 15 January</p>
Submit application to	<p>Application with foreign certificates via https://www.uni-assist.de/en/</p> <p>Application with German certificates via https://onlinecampus.h2.de</p>

Services

Possibility of finding part-time employment	<ul style="list-style-type: none">• Qualified students can work as academic assistants at institutes of our university or at companies in the region.• A comprehensive collection of links to miscellaneous job websites is offered by the Career Center.• All relevant information on working while you are a student is available on the website of the German Academic Exchange Service (DAAD)
Accommodation	<p>Accommodation is available from the "Studentenwerk Magdeburg" or on the private market. Students must organise their own accommodation. The university's International Office provides helpful information on how to find accommodation.</p>
Career advisory service	<p>Please consult the website of the Career Center.</p>
Support for international students and doctoral candidates	<ul style="list-style-type: none">• Welcome event• Buddy programme• Tutors• Specialist counselling• Cultural and linguistic preparation• Pick-up service
Supervisor-student ratio	<p>Students benefit from a very good student-to-faculty ratio.</p>



Studying in Germany at Magdeburg-Stendal University of Applied Sciences

Our graduate Norma shows you the benefits of studying in Germany at Magdeburg-Stendal University of Applied Sciences.

» more: <https://youtu.be/QHgp-H6YPys>

— Magdeburg-Stendal University of Applied— Sciences



Studying in green places

© Bastian Ehl

A young university

Founded in 1991, the university has long gained a reputation for its well-rounded academic education programme and motivated student body. Interested students can choose from around 50 study programmes taught at three departments in Magdeburg and two departments in Stendal. Around 130 professors guarantee a very good student-to-faculty ratio, with approximately 3,700 students in Magdeburg and 1,800 in Stendal.

Innovative degree programmes

If you are considering to study in a foreign country like Germany, you probably enjoy the new and exciting. Perfect! The university offers new and exciting fields of study like Applied Childhood Studies, Safety and Hazard Prevention, and Sign Language Interpreting.

Practice-oriented studies

If you have experienced overly theoretical lectures in secondary school, you probably prefer learning “hands on”. Excellent! The university focuses on practice-oriented studies that connect in-classroom learning with practical experience.

Green campuses

If you are about to start your student life, you probably are thinking about having fun. Rock on! Magdeburg and Stendal are great places for students. The student committee organises parties, the sports office keeps you active, and the green campuses are perfect for chilling out after class.

Low costs

If you are about to start your student life, you probably are thinking about your student budget. No problem! The semester fee is affordable, and it also includes public transport. The housing in Magdeburg and Stendal is low-price and of good quality.

Language courses and cultural events

If you are reading this, you probably have already learned at least one foreign language, namely English. Great! The university provides ample opportunity for expanding your horizons through language courses and cultural events.

In the heart of Germany

The central location of both sites within Germany enables rapid connections to Berlin, Hanover or Leipzig. The location is ideal for excursions to these cities!



University location

With 1,200 years of rich and colourful history, Magdeburg is one of the oldest cities in the new Laender of the former Eastern Germany. There are only few cities in Central Europe which compare to Magdeburg in terms of its eventful historical past.

Magdeburg is a student city with almost 20,000 students which offers a wide range of activities and discounts for students!

The sights and attractions that can be found in Magdeburg reflect the **eventful past and present** of the metropolis on the river Elbe. Come and visit the capital city of the German State of Saxony-Anhalt for yourself and explore a **fascinating location** situated right at the heart of Germany.

Magdeburg Cathedral, which is dedicated to St. Maurice and St. Catherine, and the **Art Museum in the Monastery of Our Lady** are just two examples of some of the city's most famous sights and attractions. Therefore, we strongly recommend that you pay these religious buildings a visit during your time in Magdeburg.

Magdeburg is not only home to a number of historical sights and landmarks, but also to **an multitude of modern attractions** such as the **Magdeburg Waterway Junction**, which boasts the world's longest canal bridge, and the **“Green Citadel of Magdeburg”**, a building designed by the famous artist Friedensreich Hundertwasser.

You should also be sure to pay a visit to the **old market square (Alter Markt)**, where you can view the **“Magdeburg Horseman” statue**, which is believed to depict Emperor Otto the First, and the Old Town Hall.

The [city of Magdeburg's website](#) provides an excellent overview of all of the sights and attractions in Magdeburg that are well worth a visit.

Contact

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🌐 Course website: <https://www.h2.de/stream>

📘 <https://www.facebook.com/h2internationales>

🐦 https://twitter.com/hs_magdeburg

🌐 <http://www.linkedin.com/school/hochschule-magdeburg-stendal/>

📷 <http://www.instagram.com/h2.international/>

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International Programmes in Germany - Database

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

Editor

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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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