



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Master of Science in Environmental Sustainability

Bingen Technical University of Applied Sciences • Bingen am Rhein

Overview

Degree	Master of Science
In cooperation with	<ul style="list-style-type: none">• University of West Hungary• Western Norway University of Applied Sciences
Teaching language	<ul style="list-style-type: none">• English
Languages	Courses are held in English. Additional modules are available in German.
Full-time / part-time	<ul style="list-style-type: none">• full-time
Programme duration	3 semesters
Beginning	Winter and summer semester
Application deadline	Winter semester 2024/25 Start of the application period: 2 May 2024 End of the application period: 31 August 2024 Summer semester 2025 Start of the application period: 15 November 2024 End of the application period: 28 February 2025
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>Conserving natural resources is the primary objective when it comes to the future. Doing so will sustainably improve and secure our livelihoods and those of our descendants. The UAS Bingen was the first university in Germany to establish a course of study in environmental protection in 1974. Since then, the curricula and teaching methods have continuously been adapted to the latest developments.</p> <p>Interdisciplinary teaching takes priority in the Master's in Environmental Sustainability programme.</p>

Students from different Bachelor's programmes come together to contribute their expertise to international and interdisciplinary projects. Classes are taught in English, and additional modules in German are available.

For more information, please see: <https://www.th-bingen.de/en/studies/courses/environmental-sustainability/overview/>.

Course Details

Course organisation

Course structure

The Master's degree programme is designed for a standard period of study of three semesters and 90 ECTS credits. It concludes with the awarding of the academic degree of Master of Science (MSc).

Each semester begins with a project workshop for all students. First-year students learn methods and choose their project topic. Higher-semester students present their project status. Only the project and Master's thesis are compulsory. Any remaining modules are entirely the students' choices. The individual academic advisory service will support you to create suitable combinations, considering your existing knowledge, interests and career goals.

Lectures, seminars and practical internships are held during the first two semesters. The third semester is dedicated to the Master's thesis. A semester abroad is optional but not compulsory.

Modules

Compulsory courses

- Scientific Project Work
- Master's Thesis

Elective courses

- Academic English
- Air Resources
- Climate Risk Assessment
- Climate Change and Environmental Impacts
- Conflicts and Synergies in Climate and Environmental Protection
- Ecological Intensification of Agricultural Systems
- Emission and Immission Lab – Air & Noise
- Energetic Use of Renewable Materials
- Environmental Controlling
- Environmental Impact of Plastics
- Environmental Noise Control
- European Environmental Law and Politics
- Fuel Cells
- Geographic Information Systems
- Georisks
- Global Environment and Sustainability Management
- International Sales with Case Studies
- International Water and Waste Management
- Life Cycle Assessment
- Life Cycle Assessment – Case Studies
- Marine and Mediterranean Ecosystems
- Material Flow Management
- Professional English
- Remote Sensing of Environmental Changes
- Renewable Energies
- Renewable Materials
- Renewable Materials – Practical Course
- Restoration Ecology
- Sustainable Business Administration and Simulation

Module descriptions are available here: <https://www.th-bingen.de/en/studies/courses/environmental-sustainability/documents>.

A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none">• International guest lecturers• Specialist literature in other languages• Training in intercultural skills• Projects with partners in Germany and abroad
Integrated internships	Internships are possible.
Special promotion / funding of the programme	<ul style="list-style-type: none">• ERASMUS+
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	Yes

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	Semester fee: approximately 230 EUR (including student ID card and student transit pass)
Costs of living	For information, please click here .
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	<ul style="list-style-type: none">• Scholarship for special commitment / outstanding achievement• Grants for financial emergencies

Requirements / Registration

Academic admission requirements	<p>We follow the European Credit Transfer System (ECTS). There are currently no numerus clausus restrictions in admissions. The general university entrance qualification ("Allgemeine Hochschulzugangsberechtigung") for the Master's programme is a Bachelor's grade of at least 2.5 or better.</p> <p>The applicant should have an affinity for environmental protection and sustainability. The MSc</p>
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addresses Bachelor's graduates from Germany and abroad who have completed a degree in engineering, natural sciences, or even in business or law. In addition, students should be willing to acquire extra fundamentals on their own and get involved in topics not related to their field of study.

- a BSc degree with 180 ECTS (equivalent to a German three-year BSc according to the anabin database (<https://anabin.kmk.org/>) and sufficient relevant practical experience or 210 ECTS points (equivalent to a German three-and-a-half-year BSc according to the anabin database)
- knowledge in three of the following (8 ECTS at least)
 - Mathematics
 - Physics and/or Engineering
 - Mechanics
 - Chemistry
 - Biology or Ecology
 - Economics
- an overall grade (Bachelor's) better than 2.5 (German grading system)
- English B2 or better
- a VPD (Vorprüfungsdokumentation) issued by uni-assist (<https://www.uni-assist.de/>) for the TH Bingen, not older than one year

Language requirements	Certified English skills B2 or higher
Application deadline	<p>Winter semester 2024/25</p> <p>Start of the application period: 2 May 2024 End of the application period: 31 August 2024</p> <p>Summer semester 2025</p> <p>Start of the application period: 15 November 2024 End of the application period: 28 February 2025</p>
Submit application to	<p>Please apply online. The application portal can be found here: https://www.th-bingen.de/en/how-to-apply/degree-programmes.</p> <p>Contact: assistance-mi-es@th-bingen.de</p>

Services

Possibility of finding part-time employment	Possible
Accommodation	https://www.studierendenwerk-mainz.de/en/wohnen
Support for international students and doctoral candidates	<ul style="list-style-type: none"> • Welcome event • Buddy programme • Tutors • Accompanying programme • Cultural and linguistic preparation
General services and support	<ul style="list-style-type: none"> • International Office

Bingen Technical University of Applied Sciences



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Bingen Technical University of Applied Sciences has been training students in engineering and life sciences since 1897. We provide qualified teaching and an intensely practical orientation while closely cooperating with companies. Our approximately thirty degree courses cover engineering, life sciences, IT and communication technology. As a result of application-oriented research, prospective academic degrees from Bachelor's to Doctorates are open to you here. Another advantage is our dual programmes during your vocational training or career. Exchange programmes and double degrees enable you to supplement your skills with international experience.

Geared towards the substantial needs of the working world and life, we work closely with regional and national companies to ensure these requirements are met. As a graduate of Bingen UAS, you will be familiar with the practical aspects and will have already made important contacts.

Solid career paths in the worlds of business and science will consequently be available to you. We follow the European Credit Transfer System (ECTS). There are currently no numerus clausus restrictions on admissions.

Studying at Bingen UAS means personal supervision and support, short paths and communication channels, including open doors at a modern yet historical university of applied sciences on its own campus.



University location

Bingen is the gate to the Upper Middle Rhine Valley UNESCO World Heritage Site and to the popular tourist regions of Rheinhessen, Nahe and Rheingau. The city is close to the Rhein-Main region. Popular cities such as Mainz, Wiesbaden and Frankfurt are easily accessible via public transportation. Moreover, Frankfurt airport is truly close.

Contact

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🌐 Course website: <https://www.th-bingen.de/en/studies/courses/environmental-sustainability/overview/>
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International Programmes in Germany - Database

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

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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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