

Key data

Study program

Duration
6 semester

Degree
Bachelor of Science

Number of credits
180 ECTS Credit Points (CP)

Application

Requirements
University entry qualification (e.g. Abitur)
English B2

Restrictions
Open admission

Application periods
01.05.–15.07.
01.12.–15.01.

Start
Winter semester and summer semester

5 good reasons...

... for the Bachelor's degree program Natural Sciences for Sustainability at the University of Bremen

1. Well-equipped laboratories
2. Close cooperation with research institutes (e.g. Alfred Wegener Institute, Fraunhofer, Leibnitz)
3. Interdisciplinary education
4. Excellent job prospects
5. Individual specialization

Study Center

Subject-specific information and advice
Prof. Dr. Annette Ladstätter-Weißenmayer
NW1, Room S2440
Tel. 0421 218-62105
studienzentrum01@uni-bremen.de

Further details about the study program
www.uni-bremen.de/ba-natsus



Central Student Advisory Service

Bibliothekstr. 1, Building: VWG,
Main entrance, corridor on the left

Phone 0421 218-61160
zsb@uni-bremen.de
www.uni-bremen.de/zsb

Advisory services in person, via Zoom or telephone



Natural Sciences for Sustainability

Bachelor



Natural Sciences for Sustainability

Sustainability constitutes the core of this study program. You will be studying the sustainable use of resources and energy as well as the recording and description of processes and interactions in environmental systems. You will deepen your knowledge of topics such as resources, the water cycle, energy, climate change and biodiversity.

The program is interdisciplinary in its nature and combines the natural science disciplines of biology, physics and geosciences. Modules on ethical, economic and legal issues complement the program. With these competences, you can shape the transformation process towards a sustainable future.

Special characteristics

The English-taught study program is characterized by a comprehensive solution-oriented fundamental training in the three natural science disciplines.

The interdisciplinary nature of this study program is echoed even on the level of modules as numerous modules are taught together by scientists from different faculties.

The subsequent compulsory elective modules (Focus Area) allow an individual specialization to prepare for a subject-specific Master's degree

Program Structure

sem.	Compulsory Modules			Compulsory Elective Modules
1.	Water Cycle 1+2	Energy 1	Ecology 1+2	Scientific Work
2.		Natural Resources 1-3		
3.	Climate Change 1+2		One Health	
4.			Focus Area	
5*.	Focus Area			BSc Thesis

* International Mobility

www.uni-bremen.de/ba-natsus-plan

Specialization

A special feature is the individual specialization in the 5th semester. You can choose between:

- Physics (Earth Observation, Data Analysis and Visualization, Atmospheric Chemistry and Biogeochemistry Cycles, Renewable Energy Resources and Infrastructures)
- Biology (Current Research in Ecology and Biodiversity, Methods in Molecular Biosciences, Marine Ecology)
- Geosciences (From Past to Future Ocean Conditions, Research Data Management and Analysis, Earth-System Modeling and Data Analysis, Physical, Chemical and Biological Oceanography)

Prospects

Potential job opportunities in the area of environment and sustainability:

- Management consultancy
- Referee for public authorities or ministries
- Consulting for non-governmental organizations (NGOs)
- Project management for sustainability
- Public relations with reference to sustainability
- Sustainability and environmental management tasks

At the University of Bremen you can study one of the following Master's degree programs:

- Environmental Physics M.Sc.
- Space Sciences and Technologies M.Sc.
- Applied Geosciences M.Sc.
- Marine Geosciences M.Sc.
- Materials Chemistry and Mineralogy M.Sc.
- Ecology M.Sc.
- Marine Biology M.Sc.
- Marine Microbiology M.Sc.

www.uni-bremen.de/masterwahl

International

To gain a global view of the topic of sustainability you can spend the fifth or sixth semester abroad. The open structure of the program supports the recognition of credits achieved from other universities.