

Factsheet "Earth and Environment Program"

General info: The Bachelor Programs in "Earth & Space Sciences" and "Integrated Environmental Studies" have been merged into the single EES program: "Earth and Environmental Sciences".

On average 21 graduating students per year

Research Foci

Environmental Sciences, Geochemistry, Geophysics, Oceanography, Marine and Terrestrial Resources (biological and geological), Climate Change, Water Quality, Remote Sensing, Space Sciences, Energy Geopolitics, Environmental Politics and Policy

Special features of the program

- Very high **success rate**: >90% of students graduate within 6 semesters
- **Small classes**, seminars and excursions (student:faculty ratio of 11); informal contact with all faculty members
- Internationally- and nationally acclaimed **reputation** for excellent education (No1 in German CHE Uni-Ranking)
- Teaching subject-specific knowledge and transferable skills, offering a range of **careers** (from petroleum industry to environmental protection)
- Opportunities for extended **field work** and more than 30 days of field trips to Scandinavia, Ireland, Italy and onboard of research vessels
- Taking advantage of the **international network** of faculty from research collaborations
- Early involvement in **research** projects, including the possibility to participate in field campaigns and research cruises (often the most rewarding aspects of an undergraduate's career)

Long standing academic collaborations: UBremen, MARUM-Bremen, AWI-Bremen, MPI-Bremen, ZMT-Bremen, DLR-Bremen, DFKI-Bremen, UOldenburg, Helmholtz-Institut Freiberg, BGR (Federal Institute for Geosciences and Natural Resources), UWashington/Seattle (USA), National Oceanographic Centre (UK), NIOZ (NI), UVictoria (Ca), U.S. Geological Survey, Santa Cruz, USA, UOtago (NZ), USanta Maria (Brazil), UBrasilia (Brazil), UJohannesburg (ZA) Natural History Museum Stockholm, (S), UCopenhagen (DK), Brock University (USA), Centro de Astrobiologia (ES), IRSPS (It), ISS Bucharest-Magurele (ROM), involved in the MARUM Excellence Cluster and in the ROBEX Helmholtz Alliance

Industry partners: Schlumberger, Statoil, EADS, Airbus, VW, RWE, Eon, Wintershall, IEDS

Alumni: UStanford, UBerkeley, UYale, MIT, UWashington-Seattle, Woods Hole Oceanographic Inst., UMaine, ColumbiaU, UDelft, UCambridge, UOxford, DLR, ETH-Zürich, MPI-Astro, NOC, UBremen, UTübingen, UKiel, UAmsterdam, UUppsala, UBergen, UCopenhagen, Columbia Uni, NY, USC Los Angeles, McKinsey, Statoil, Wintershall, IES, RWE, 3Sat, Schlumberger, ESTEC, EADS, Eurocopter,

Salaries for our graduates at academic institutions vary between 8,000 to 25,000 \$ for Master's students, 15,000 to 30,000 \$ for PhD students. Salaries in careers in industry vary between 50,000 \$ (Data analyst) to 100,000 \$ (Modeling). Those of our bachelor students who pursue a career in the US often start with a salary of 20,000 to 25,000 \$ for their Master's project including a tuition fee waiver. Similar stipends exist in Europe. It is an early opportunity to pay back your student loan. Be aware that you can pursue your career in the US and Canada, although you did not study four years and thus saved one year of tuition fees.

Get your education in a Research University.

For more details please visit:

<http://earth.user.jacobs-university.de/> and visit us on **Facebook** !

