



Master of Science (M.Sc.)
Ecosystem Services

Course Director

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**We are happy to advise you individually
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Content-related questions:

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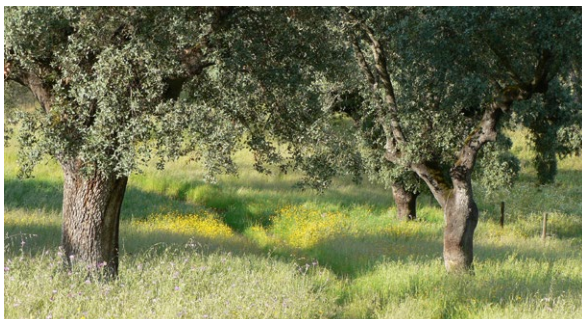
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Inter- and transdisciplinary approaches to solve global environmental problems

The global loss of biodiversity and ecosystem degradation are among the grand challenges of global environmental change. In this context, ecosystem services as the direct and indirect contributions of ecosystems for human well-being are gaining increased attention in science, policy and society. Identifying, mapping and assessing ecosystem services as well as capturing their values in public and private decision-making are important objectives of national, European and international biodiversity strategies. At the global level, this demanding task is part of the working programme of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). IPBES is an intergovernmental body, which assesses the state of biodiversity and of the ecosystem services it provides to society, in response to requests from decision makers.

Against this background, the international Master's programme on Ecosystem Services provides students with the knowledge base and methods to analyse pressing environmental problems and to develop societally relevant solutions. A special focus lies on inter- and transdisciplinary approaches from the natural and the social sciences in order to conserve and sustainably use biodiversity and to secure the sustainable provision of ecosystem services for present and future generations.



Content of your studies

The programme combines the natural and social sciences expertise of the **International Institute (IHI) Zittau** and the **Faculty of Environmental Sciences at TU Dresden**, the **Senckenberg Museum of Natural History** in Görlitz, and the **Leibniz Institute of Ecological Urban and Regional Development (IÖR)** in Dresden.

- Degree: Master of Science (M.Sc.)
- Length of study / ECTS: 4 semesters, 120 ECTS
- Language: English
- Places of study: Zittau, Görlitz, Dresden and Tharandt

Compulsory modules

- Ecosystem Services – Concepts and Development (Zittau)
- Applied Ecology (Görlitz)
- Introduction into Key Taxa (Görlitz)
- Microbial Ecology (Zittau)
- Intercultural Communication and Stakeholder Dialogues (Zittau)
- Biodiversity and Ecosystem Governance (Zittau)
- Ecological Economics (Zittau)
- Special Ecology (Görlitz)

Elective modules in the subject areas

- Environmental Social Sciences (Zittau & Dresden)
- Ecology and Collections (Görlitz)
- Forest Sciences (Tharandt)
- Biotechnology (Zittau)
- Spatial Development and Natural Resource Management (Dresden)

Internships (elective)

Mobility semester (facultative)

Master thesis

Admission requirements

Admission requirements

- Degree in life or environmental sciences, economics, social sciences, geography, agricultural or forestry sciences or related fields
- English skills, at least equal to a B2 level of the Common European Framework of Reference for Languages, shown by a certificate such as IELTS or TOEFL

Fees

- No tuition fees
- Enrolment and student fee: ca. € 83 per semester (approx. € 270 if public transport should be included)

Projected occupations

- Biodiversity, ecosystem services and environmental research (universities, research centres, industry)
- Public administration and expert agencies
- Business
- Economic and policy consultancy
- International organisations
- Non-governmental organisations
- Scientific management and coordination

Grants

There are different options for receiving financial support for your studies at IHI Zittau. For further information please check: www.tu-dresden.de/internationales, or the website of the German Academic Exchange Service (DAAD): www.daad.de. Please keep in mind that there might be possibilities to obtain funding in your home country.