



THE PROGRAMME

Starting with a common teaching scheme, you will choose a specialization from the second semester onwards:

ES I: Environmental Conservation & Restoration Management

ES II: Environmental Remote Sensing and Modelling

ES III: Environmental Conservation & Restoration Management

The Master's programme includes compulsory and electional courses within the specialization. It is completed with a thesis, to be written in the selected field of specialisation. The final grade consist of the academic achievements throughout the entire Master's programme.



INFORMATION

MSC ENVIRONMENTAL SCIENCES



4 SEMESTERS



DIGITAL (TRIER UNIVERSITY)



ENGLISH



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CONTACT



Project Leader

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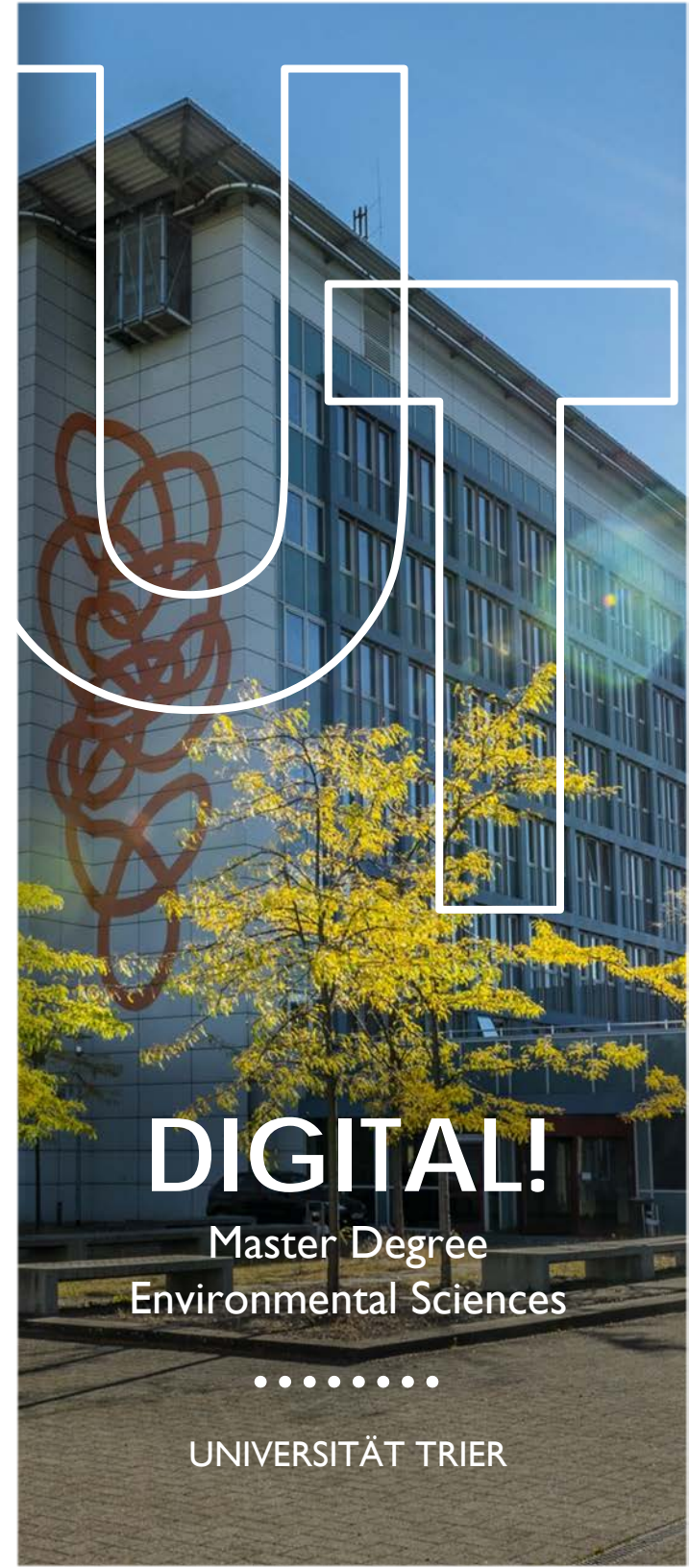
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 **Universität Trier**

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DIGITAL!
Master Degree
Environmental Sciences



UNIVERSITÄT TRIER



INCLUDED SUBJECTS



Geology



Hydrology



Soil Science



Environmental Meteorology



Analytic & Ecological Chemistry



Geobotany & Vegetation Science



Remote Sensing & Geoinformatics



DEVELOPMENT OF THE PROGRAMME

MSc Environmental Sciences (ES)

- Established 2008
- Application via DAAD database "International Programmes"
- 70-80% of applications from abroad (mainly Africa, Asia, Eastern Europe, also from Western Europe and USA)
- Goal: Understanding of current environmentally relevant issues at the interface of human-environment relations



Issues due to the Covid19-Pandemic

- 90 % decrease of applications from international students
- Ban on international students entering the country (Covid19 Measure)
- Solution: Transformation of the analogue ES degree programme into a digital online degree programme



DigES as Solution

- Establishment: Digital Master's Programme Environmental Sciences (DigES)
- Start: winter semester 2021/2022
- Complete digitalisation: winter semester 2022/2023
- Application via DAAD Portal "International Programmes"
- Introducing new teaching methods
- Programme objectives and structure equivalent to the digital offer



SPECIALISATIONS

ES I – Environmental Monitoring and Pollution Assessment :

Exposure of environmental systems to climate change, chemical environmental analysis, impact of toxic substances, disturbance of feedback processes, assessment of cause-and-effect chains

ES II – Environmental Remote Sensing and Modelling:

Use of remote sensing systems for assessing and monitoring the environment, focused on both the atmosphere/climate system and terrestrial ecosystems; integration of process models and spatial data analysis

ES III – Environmental Conservation & Restoration Management:

Management strategies for nature conservation as well as dumpsite reclamation and remediation. Consideration and evaluation of environmental impacts on economics and society, as well as possible solutions