



Facts and figures

Start: Winter semester
Duration: 4 semesters
Degree: Master of Science
Language: German
Admission restricted

Application and enrolment



Admission requirements

General admission requirements:
www.uol.de/stud/218en

Language skills:

German native speaker or DSH 2
 English level B2

Application

Application deadline: 15 July

German university degree:

online application
www.uol.de/studium/bewerben/master

EU or international applicants:

www.uol.de/en/application/international-students/master

Contact

For questions about the subject/degree programme

Academic counselling for Landscape Ecology
www.uol.de/en/subject-specific-student-advice

Student representatives for Landscape Ecology

www.uol.de/fsloek
fs.loek@uol.de

For questions about your studies

Study and Career Counselling Service
www.uol.de/en/zskb

Basic questions about application and enrolment

Student InfoLine
Phone +49 441 798 - 2728
study@uol.de

Visitor address

Student Service Centre – SSC
 Haarentor campus, building A12
 26129 Oldenburg
www.uol.de/en/students/service-advice

Further information

Landscape Ecology website

www.uol.de/en/biology/studies/master-of-science-landschaftsoekologie

Degree programmes at the University of Oldenburg

www.uol.de/en/students/degree-programmes

Financing your studies

www.uol.de/en/students/fees/financing-your-studies

Optional period abroad

www.uol.de/en/going-abroad

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Carl von Ossietzky
**Universität
 Oldenburg**

Landscape Ecology

Master's degree



Landscape Ecology (M. Sc.)

The Institute of Biology and Environmental Sciences of the University of Oldenburg offers a Master of Science in Landscape Ecology.

Today, this discipline provides an essential ecological basis for understanding the human-environmental system. Landscape Ecology is an interdisciplinary programme and aims to bridge the gap between the analysis of ecological systems and their protection in environmental planning and regional development. Landscape ecologists analyse e.g. material cycles and their alteration by humans, evaluate the consequences of landscape changes for biodiversity, study ecosystem interrelationships and develop concepts for the ecologically sustainable use of landscapes.

Career opportunities

The Master's degree qualifies graduates for work in the following professional fields:

- Conservation and landscape planning as well as intervention planning
- Management of protected areas and renaturing projects for ecosystems
- Soil and water conservation as well as nature and environmental protection in planning offices, public authorities, political consulting or for NGOs
- Environmental IT, e.g. in surveillance or the development of software for environmental planning
- Ecological research in universities or research centres
- Academic career (PhD)

Environmental legislation largely defines environmental protection as a legal requirement. Therefore, there is a constant demand for environmental scientists who are familiar with and can independently implement the requirements for environmental protection legislation and who can help overcome deficits in existing research, including recognition, prediction and prevention of environmental problems.

Structure and contents

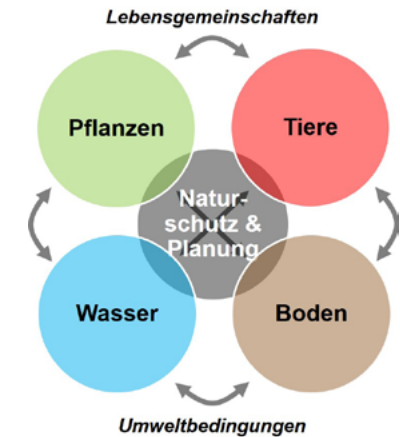
BASIC MODULES		MAX. 42 CP	SEMESTER 1
Elective modules			
Data Modelling / 9 CP			SEMESTER 2 / 3
Ecology / 6 CP			
Geological Processes / 6 CP			
Environmental Planning / 9 CP			
Geographic Information Systems – Applications in Landscape Ecology / 6 CP			
Geographic Information Systems – Data Management and Geostatistical Analysis / 6 CP			SEM. 4
IN-DEPTH MODULES		MIN. 48 CP	
Elective modules			
for individual specialisation profile			
External elective modules / max. 30 CP			
Modules from relevant other Master's programmes at the University of Oldenburg (e.g. Biology, Marine Environmental Sciences, Environmental Modelling) or other universities in Germany or abroad			
COMPULSORY		30 CP	
Master's thesis module			
MASTER OF SCIENCE		120 CP	

Specialisation

The Landscape Ecology Master's programme at the University of Oldenburg offers research-oriented and practice-oriented modules. Students acquire in-depth knowledge in the various individual disciplines of landscape ecology and in particular learn to recognise and analyse complex ecological reciprocal effects and interconnections. Students also learn to record, measure and model data, analyse test results and perform environmental assessment and planning.

They can specialise in the fields of functional ecology, restoration ecology, plant and animal ecology, soil and hydrogeology ecology, aquatic ecology, environmental planning and nature conservation. Structured thinking based on the application of theory and hypotheses, methodological expertise, communication and teamwork skills as well as soft skills are essential for success in future professional work. That is why the degree programme intensively trains students in these areas.

The programme prepares graduates for independent work in various areas of environmental care and ecological research.



Stay abroad

We actively encourage students to spend a period of study abroad, e.g. by awarding them credit points for modules studied at the foreign university (provided the modules are relevant to the subject field). Students should participate in exchange programmes with European universities and actively organise these activities. Several international university cooperation schemes are available within the Erasmus programme. Furthermore, our working groups arrange contacts to many European and non-European institutions in the context of joint European research projects.