

# Program Overview MSc. Environmental Sciences with 4 English Majors

4. Semester

Master Thesis (6 Months)

3. Semester

Elective  
3-week-block

	Research in Environmental Sciences			
CCE	Env. Monitoring, Data Analysis & Visualisation / Earth System Modelling		Elective	
EMDS	Capstone Project / Advanced Statistics		Elective	
SAT	Research Project		Elective	
WB	Conservation of Forest Biodiversity / Frontiers in Wildlife Ecology		Elective	

Elective  
3-week-block

- Outline**
- 3 Core modules
  - 10 Major modules
  - 3 Electives you choose
  - 1 Internship
  - 1 Master Thesis

2. Semester

Structured in full-day 3-week blocks

CCE	Land-Atmosphere Interactions	Land Use Adaption	Experiment. Climate Stress Physiology	Methods in Eco-system Research
EMDS	Remote Sensing & Geoinformatics	Applied Land Surface Modelling	Bioinformatics	Modelling Env. Systems
SAT	Supply Chain Modelling	Systems Thinking, Planning & Transition	Energy System Transition	Sustainability Law & Transformation
WB	Experimental Ecology	Research in Wildlife Ecology	Protected Area Management	Wildlife Behaviour Ecology

Elective  
3-week-block

Internship  
min 7 Weeks

1. Semester

In the form of weekly, continuous courses

	Research Skills		
	Multi-Disciplinary Perspectives on Environmental Sciences		
CCE	Lab Analysis of CC Impact / EcoFun / Env. Statistics / Climate Impact Research		
EMDS	Env. Statistics / Env. Modelling, Data Analysis & Visualisation / EcoFun / Earth System Modelling		
SAT	Env. Resource Economics / Material & Energy Analysis / EcoFun / Material & Energy Flow		
WB	Analysis of Biod.Data / Biod.& Conservation Biology / Env. Statistics / Genet. & Genom. Methods		

Elective  
3-week-block

- Majors**
- CCE Climate Change Ecology
  - EMDS Environmental Modelling and Data Sciences
  - SAT Sustainability Assessment and Transformation
  - WB Wildlife and Biodiversity