Program Overview MSc. Environmental Sciences

4. Semester

Master Thesis (6 Months)

3. Semester

Elective 3-week-block

	Research in Envrionmental Sciences	
LAND	Genetische Methoden in Naturschutz & Forstwirtschaft / Naturschutzkonzepte	
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 Wildilfe Ecology	Elective

Elective 3-week-block

2. Semester

Structured in full-day 3-week blocks

LAND	Exp. Ökologie im Naturschutz	Umweltwahrneh-mung & Bildung	Artenkenntnis & Diversität	Landnutzung & Vegetation	Elective 3-week-block	Internship min 7 Weeks
CCE	Land-Atmosphere Interactions	Land Use Adaption	Experiment. Climate Stress Physiology	Methods in Eco-system Research		
EMDS	Remote Sensing & Goeinformatics	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		

1. Semester

In the form of weekly, continuous courses

	Research Skills
	Multi-Disciplinary Perspectives on Environmental Sciences
LAND	Landwende- & Forstrecht / Umwelt- & Landschaftsplanung / Regionalentwicklung / Polit. Prozesse
CCE	Lab Analysis of CC Impact / EcoFun / Env. Statistics / Climate Impact Research
EMDS	Env. Statistics / Env. Modelling, Data Analyis & 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

Outline

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

Majors

LAND	Landnutzung und Naturschutz (dt)
CCE	Climate Change Ecology
EMDS	Environmental Modelling and Data Sciences
SAT	Sustainability Assessment and Transformation
WB	Wildlife and Biodiversity

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