

MSc Environmental Sciences

Specialisation in: Environmental Monitoring and Pollution Assessment (ES I)

1. Semester winter semester

EAS 5 CP
Environmental System Analysis
MA6ES001

S2 5 CP
Multivar. Statistics (II)
MA6ES002

EMS 5 CP
Environmental Monitoring Strategies
MA6ES005

FE5 5 CP
Fundamentals of Environm. Rem.Sens.
MA6ES006

ABL 5 CP
Atmospheric Boundary Layer
MA6ES007

GHM 5 CP
Geological Hazards and Management
MA6ES008

BK5 5 CP
Advanced Aspects of Environ. Soil Science
MA6ES009

20 CP

2. Semester summer semester

CH4 5 CP
Environmental Chemistry
MA6ES010

MWQ 5 CP
Aquatic Pollution Assessment
MA6ES012

SBF 5 CP
Soil Biology & Soil Functioning
MA6ES028

EXC 5 CP
Interdis. Excursion or Field Project
MA6ES029

PSR 5 CP
Polluted Site Remediation
MA6ES025

VE 5 CP
Vegetation Ecology
MA6ES031

GCC 5 CP
Global Climate Change & Energy Resources
MA6ES036

EAC 5 CP
Environ. analytical Chemistry
MA6ES011

RBP
Regional Biomonitoring Project
MA6ES013

FE6
Advanced RS Data Processing & Analysis
MA6ES016

SPM 5 CP
Phys. Monitoring of Litho- & Hydrosphere
MA6ES030

LSI 5 CP
Landsurface Atmosphere Interactions
MA6ES022

SC 5 CP
Sustainable Chemistry
MA6ES032

10 CP

3. Semester winter semester

EP 5 CP
Ecotoxic Effects of Environm. Pollutants
MA6ES014

GEOS 5 CP
Geo statistics
MA6ES033

SUM 5 CP
Soil Use & Sustainable Management
MA6ES027

NEW GCC 5 CP
Socio Hydrology
MA6ES000

10 CP

RP
Research Project
MA6ES003

FST 5 CP
Fluvial Systems
MA6ES034

PEC 5 CP
Paleoclimate & Palaeoenvironment
MA6ES035

NEW 5 CP
Introduction to Geoinformatics
MA6ES000

15 CP

4. Semester summer semester

30 CP

MAS
Master Thesis
MA6ES004

Sum 30 CP

30 CP

30 CP

30 CP

Compulsory Modules

Optional Modules of 1st semester






Optional Modules

interdisciplinary Module

MSc Environmental Sciences

Specialisation in: Environmental Remote Sensing and Modelling (ES II)

1. Semester winter semester	2. Semester summer semester	3. Semester winter semester	4. Semester summer semester
EAS 5 CP Environmental System Analysis MA6ES001 S2 5 CP Multivar Statistics (II) MA6ES002	GSDA Geospatial Data Analysis MA6ES015 20 CP	FE6 5 CP Advanced RS Data Processing & Analysis MA6ES016 ERM 5 CP Ecosystem Rem. Sens. & Modelling Concepts Terrestrial Forest Inventory Strategies MA6ES018 20 CP	NEU 5 CP Remote Sensing of Global Change Processes MA6ES017 RP 10 CP Research Project MA6ES003 30 CP
Environmental Remote Sensing		Environmental Remote Sensing	
EMS 5 CP Environmental Monitoring Strategies MA6ES005 FE5 5 CP Fundamentals of Environm. Rem.Sens. MA6ES006 ABL 5 CP Atmospheric Boundary Layer MA6ES007 GHM 5 CP Geological Hazards and Management MA6ES008 BK5 5 CP Advanced Aspects of Environ. Soil Science MA6ES009 20 CP	TSA 5 CP Satellite Time Series Analysis MA6ES019 RSM 5 CP Monitoring & Rem. Sens.in Meteorology MA6ES021 20 CP	NNM 5 CP Numerical Modelling in Meteorology Dynamics MA6ES020 LSI 5 CP Landsurface Atmosphere Interactions MA6ES022 SVT 5 CP SVAT-Models & Integr.of RS Data MA6ES023 20 CP	RP 10 CP Research Project MA6ES003 MAS Master Thesis MA6ES034
Environmental Meteorology		Environmental Meteorology	
AVS 5 CP Vegetation Ecology MA6ES031 EXC 5 CP Interdis. Excursion or Field Project MA6ES029 M2 5 CP Numeric for Geoscientists MA6ES037 10 CP	EMRE 5 CP Envir. Management & Resource Economics MA6ES026 NC 5 CP Nature Conservation, Restoration & Protection MA6ES024 GCC 5 CP Global Climate Change & Energy Resources MA6ES036 10 CP	SUM 5 CP Soil Use & Sustainable Management MA6ES027 NEW GCC 5 CP Socio Hydrology MA6ES000 10 CP	GEOS 5 CP Geo Statistics MA6ES033 PEC 5 CP Paleoclimate & Paleoenvironment MA6ES035 Population ecology 5 CP MA6ES038 NEW 5 CP Introduction to Geoinformatics MA6ES000
Optional Modules		Optional Modules	
Summe 30 CP	30 CP 20 Pflicht	30 CP 20 Pflicht	30 CP

 Compulsory Modules
  Compulsory Modules Environmental Remote Sensing
  Compulsory Modules Environmental Meteorology
  Optional Modules
  interdisciplinary Module

MSc Environmental Sciences

Specialisation in: Environmental Conservation and Restoration Management (ES III)

1. Semester winter semester	2. Semester summer semester	3. Semester winter semester	4. Semester summer semester
<p>EAS 5 CP Environmental System Analysis MA6ES001</p> <p>S2 5 CP Multivar Statistics (II) MA6ES002</p>	<p>NC 5 CP Nature Conservation, Restoration & Protection MA6ES024</p> <p>PSR 5 CP Polluted Site Remediation MA6ES025</p>	<p>5 CP EMRE 5 CP Envir. Management & Resource Economics MA6ES026</p> <p>SUM 5 CP Soil Use & Sustainable Management MA6ES027</p>	<p>10 CP</p> <p>RP Research Project MA6ES003</p> <p>30 CP</p>
<p>EMS 5 CP Environmental Monitoring Strategies MA6ES005</p> <p>FE5 5 CP Fundamentals of Environm. Rem.Sens. MA6E*006</p> <p>ABL 5 CP Atmospheric Boundary Layer MA6ES007</p> <p>GHM 5 CP Geological Hazards and Management MA6ES008</p> <p>BK5 5 CP Advanced Aspects of Environ. Soil Science MA6ES009</p> <p>20 CP</p>	<p>VE 5 CP Vegetation Ecology MA6ES031</p> <p>SC 5 CP Sustainable Chemistry MA6ES032</p> <p>MWQ 5 CP Aquatic Pollution Assessment MA6ES012</p> <p>FE6 5 CP Advanced RS Data Processing & Interpret. MA6ES016</p> <p>EAC 5 CP Environ. analytical Chemistry MA6ES011</p> <p>SPM 5 CP Phys. Monitoring of Litho- & Hydrosphere MA6ES030</p> <p>15 CP</p>	<p>GCC 5 CP Global Climate Change & Energy Resources MA6ES036</p> <p>SBF 5 CP Soil Biology & Soil Functioning MA6ES028</p> <p>5 CP ERM 5 CP Ecosystem Remote Sensing & Modelling Concepts Terrestrial Forest Inventory Strategies MA6ES018</p> <p>CH4 5 CP Environmental Chemistry MA6ES012</p> <p>EXC 5 CP Interdis. Excursion or Field Project MA6ES029</p> <p>10 CP</p>	<p>EP 5 CP Ecotoxic Effects of Environm. Pollutants MA6ES014</p> <p>PEC 5 CP Paleoclimate & Paleoenvironment not available</p> <p>FST 5 CP Fluvial systems not available</p> <p>EL 5 CP European Environmental Law MA6ES039</p> <p>BGW 5 CP Soil Erosion under Global Change MA6ES040</p> <p>NEW 5 CP Introduction to Geoinformatics MA6ES000</p> <p>MAS Master Thesis MA6ES004</p>
<p>Summe 30 CP</p>	<p>30 CP</p>	<p>30 CP</p>	<p>30 CP</p>

Compulsory Modules

Optional Modules of 1st sem.

Optional Modules

interdisciplinary Module