

MSc Environmental Sciences

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

1. Semester winter semester	2. Semester summer semester		3. Semester winter semester	4. Semester summer semester
EAS 5 CP Environmental System Analysis MA6ES001	CH4 5 CP Environmental Chemistry MA6ES010	EAC 5 CP Environ. analytical Chemistry MA6ES011	EP 5 CP Ecotoxic Effects of Environm. Pollutants MA6ES014	10 CP RP Research Project MA6ES003
S2 5 CP Multivar. Statistics (II) MA6ES002	MWQ 5 CP Aquatic Pollution Assessment MA6ES012	RBP Regional Biomonitoring Project MA6ES013		30 CP
EMS 5 CP Environmental Monitoring Strategies MA6ES005	SBF 5 CP Soil Biology & Soil Functioning MA6ES028	FE6 Advanced RS Data Processing & Analysis MA6ES016	GEOS 5 CP GeoStatistik MA6ES033	MAS Masterarbeit Master Thesis MA6ES004
FE5 5 CP Fundamentals of Environm. Rem.Sens. MA6ES006	EXC 5 CP Interdis. Excursion or Field Project MA6ES029	SPM 5 CP Phys. Monitoring of Litho- & Hydrosphere MA6ES030	FST 5 CP Fluvial Systems MA6ES034	
ABL 5 CP Atmospheric Boundary Layer MA6ES007	PSR 5 CP Polluted Site Remediation MA6ES025	LSI 5 CP Landsurface Atmosphere Interactions MA6ES022	SUM 5 CP Soil Use & Sustainable Management MA6ES027	
5 CP Introduction to Geoinformatics MA6ES000	VE 5 CP Vegetation Ecology MA6ES031	SC 5 CP Sustainable Chemistry MA6ES032	PEC 5 CP Paleoclimate & Palaeoenvironment MA6ES035	
BK5 5 CP Advanced Aspects of Environ. Soil Science MA6ES009	GCC 5 CP Global Climate Change & Energy Resources MA6ES036		GHM Geological Hazards and Management MA6ES008	
20 CP	10 CP	15 CP		
Sum 30 CP	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 10 CP Geospatial Data Analysis MA6ES015 20 CP		FE6 5 CP Advanced RS Data Processing & Analysis MA6ES016 5 CP ERM 5 CP Ecosystem Rem. Sens. & Modelling Concepts Terrestrial Forest Inventory Strategies MA6ES018	NEU 5 CP Remote Sensing of Global Change Processes MA6ES017 10 CP	30 CP RP Research Project MA6ES003												
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 Introduction to Geoinformatics MA6ES000 5 CP 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	5 CP NNM 5 CP Numerical Modelling in Meteorology Dynamics MA6ES020 LSI 5 CP Landsurface Atmosphere Interactions MA6ES022 5 CP SVT 5 CP SVAT-Models & Integr. of RS Data MA6ES023	10 CP RP Research Project MA6ES003 20 CP		MAS Masterarbeit Master Thesis MA6ES034												
Environmental Meteorology																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">AVS 5 CP Vegetation Ecology MA6ES031</td> <td style="width: 25%;">5 CP EMRE 5 CP Envir. Management & Resource Economics MA6ES026</td> <td style="width: 25%;">5 CP GHM 5 CP Geological Hazards and Management MA6ES008</td> </tr> <tr> <td>EXC 5 CP Interdis. Excursion or Field Project MA6ES029</td> <td>5 CP NC 5 CP Nature Conservation, Restoration & Protection MA6ES024</td> <td>5 CP GEOS 5 CP GeoStatistik MA6ES033</td> </tr> <tr> <td>M2 5 CP Numerik für Geowissenschaftler MA6ES037</td> <td>5 CP GCC 5 CP Global Climate Change & Energy Resources MA6ES036</td> <td>5 CP PEC 5 CP Paleoclimate & Paleoenvironment MA6ES035</td> </tr> <tr> <td></td> <td>5 CP NEW 5 CP GCC Socio Hydrology MA6ES000</td> <td>5 CP Populationsökologie MA6ES038</td> </tr> </table>						AVS 5 CP Vegetation Ecology MA6ES031	5 CP EMRE 5 CP Envir. Management & Resource Economics MA6ES026	5 CP GHM 5 CP Geological Hazards and Management MA6ES008	EXC 5 CP Interdis. Excursion or Field Project MA6ES029	5 CP NC 5 CP Nature Conservation, Restoration & Protection MA6ES024	5 CP GEOS 5 CP GeoStatistik MA6ES033	M2 5 CP Numerik für Geowissenschaftler MA6ES037	5 CP GCC 5 CP Global Climate Change & Energy Resources MA6ES036	5 CP PEC 5 CP Paleoclimate & Paleoenvironment MA6ES035		5 CP NEW 5 CP GCC Socio Hydrology MA6ES000	5 CP Populationsökologie MA6ES038
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M2 5 CP Numerik für Geowissenschaftler MA6ES037	5 CP GCC 5 CP Global Climate Change & Energy Resources MA6ES036	5 CP PEC 5 CP Paleoclimate & Paleoenvironment MA6ES035															
	5 CP NEW 5 CP GCC Socio Hydrology MA6ES000	5 CP Populationsökologie MA6ES038															
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
EAS 5 CP Environmental System Analysis MA6ES001 S2 5 CP Multivar Statistics (II) MA6ES002	NC 5 CP Nature Conservation, Restoration & Protection MA6ES024 PSR 5 CP Polluted Site Remediation MA6ES025	EMRE 5 CP Envir. Management & Resource Economics MA6ES026 SUM 5 CP Soil Use & Sustainable Management MA6ES027	10 CP RP Research Project MA6ES003 30 CP
EMS 5 CP Environmental Monitoring Strategies MA6ES005 FE5 5 CP Fundamentals of Environm. Rem.Sens. MA6E*006 ABL 5 CP Atmospheric Boundary Layer MA6ES007 5 CP Introduction to Geoinformatics MA6ES000 BK5 5 CP Advanced Aspects of Environ. Soil Science MA6ES009 20 CP	VE 5 CP Vegetation Ecology MA6ES031 SC 5 CP Sustainable Chemistry MA6ES032 MWQ 5 CP Aquatic Pollution Assessment MA6ES012 FE6 5 CP Advanced RS Data Processing & Interpret. MA6ES016 EAC 5 CP Environ. analytical Chemistry MA6ES011 SPM 5 CP Phys. Monitoring of Litho- & Hydrosphere MA6ES030	CH4 5 CP Environmental Chemistry MA6ES012 SBF 5 CP Soil Biology & Soil Functioning MA6ES028 ERM 5 CP Ecosystem Remote Sensing & Modelling Concepts Terrestrial Forest Inventory Strategies MA6ES018 EXC 5 CP Interdis. Excursion or Field Project MA6ES029 GCC 5 CP Global Climate Change & Energy Resources MA6ES036	EP 5 CP Ecotoxic Effects of Environm. Pollutants MA6ES014 PEC 5 CP Paleoclimate & Paleoenvironment not available ERM 5 CP Remote Sensing Data Analysis and Integration NEW GCC 5 CP Socio Hydrology MA6ES000 10 CP
Summe 30 CP	Summe 30 CP	Summe 30 CP	Summe 30 CP

MAS
Masterarbeit
Master Thesis
MA6ES004

 Compulsory Modules
  Optional Modules of 1st sem.
  Optional Modules
  interdisciplinary Module