MSc Environmental Sciences

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

1. Semester winter semester

EAS *5 CP*
Environmental System Analysis
MA6ES001

5 CP
S2
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

EAC *5 CP*
Environ. analytical Chemistry
MA6ES011

MWQ *5 CP*
Aquatic Pollution Assessment
MA6ES012

RBP
Regional Biomoni-toring Project
MA6ES013

SBF *5 CP*
Soil Biology & Soil Functioning
MA6ES028

FE6
Advanced RS Data Processing & Analysis
MA6ES016

EXC *5 CP*
Interdis. Excursion or Field Project
MA6ES029

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

PSR *5 CP*
Polluted Site Remediation
MA6ES025

LSI *5 CP*
Landsurface Atmo-sphere Interactions
MA6ES022

VE *5 CP*
Vegetation Ecology
MA6ES031

SC *5 CP*
Sustainable Chemistry
MA6ES032

GCC *5 CP*
Global Climate Change & Energy Resources
MA6ES036

10 CP

3. Semester winter semester

EP *5 CP*
Ecotoxic Effects of Environm. Pollutants
MA6ES014

10 CP
RP
Research Project
MA6ES003

GEOS *5 CP*
Geo statistics
MA6ES033

FST *5 CP*
Fluvial Systems
MA6ES034

SUM *5 CP*
Soil Use & Sustainable Management
MA6ES027

PEC *5 CP*
Paleoclimate & Palaeoenvironment
MA6ES035

NEW *5 CP*
GCC
Socio Hydrology
MA6ES000

NEW *5 CP*
Introduction to Geoinformatics
MA6ES000

15 CP

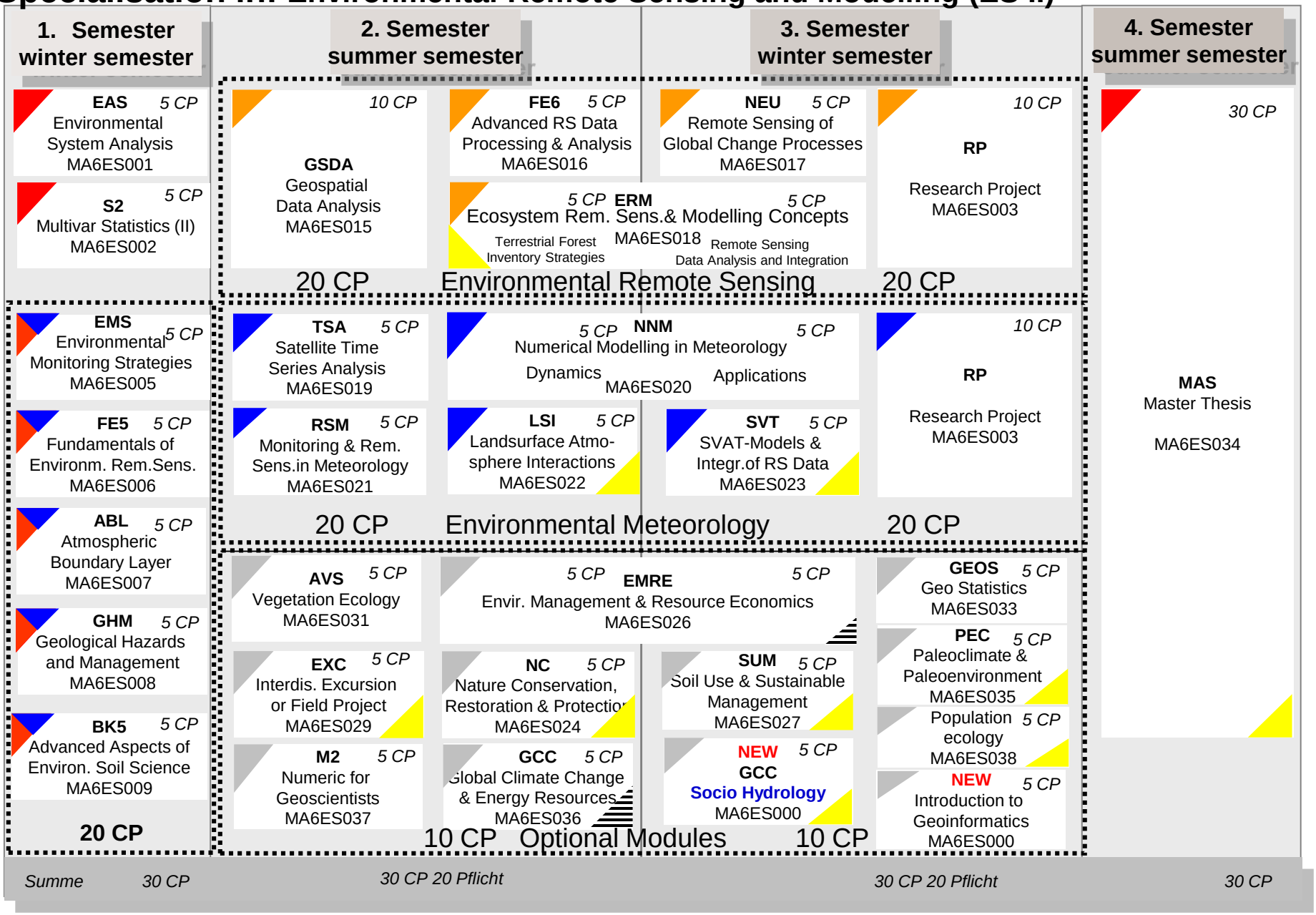
4. Semester summer semester

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)



MSc Environmental Sciences

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

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.
MA6E“006

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

NC 5 CP
Nature Conservation, Restoration & Protection
MA6ES024

PSR 5 CP
Polluted Site Remediation
MA6ES025

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

GCC 5 CP
Global Climate Change & Energy Resources
MA6ES036

SBF 5 CP
Soil Biology & Soil Functioning
MA6ES028

5 CP **ERM**
Ecosystem Remote Sensing & Modelling Concepts
MA6ES018
Terrestrial Forest Inventory Strategies

CH4 5 CP
Environmental Chemistry
MA6ES012

EXC 5 CP
Interdis. Excursion or Field Project
MA6ES029

15 CP

3. Semester winter semester

5 CP **EMRE**
Envir. Management & Resource Economics
MA6ES026

SUM 5 CP
Soil Use & Sustainable Management
MA6ES027

10 CP **RP**
Research Project
MA6ES003

EP 5 CP
Ecotoxic Effects of Environm. Pollutants
MA6ES014

GEOS 5 CP
Geo Statistics
MA6ES033

PEC 5 CP
Paleoclimate & Paleoenvironment
not available

FST 5 CP
Fluvial systems
not available

5 CP
Remote Sensing Data Analysis and Integration

EL 5 CP
European Environmental Law
MA6ES039

NEW 5 CP
GCC
Socio Hydrology
MA6ES000

BGW 5 CP
Soil Erosion under Global Change
MA6ES040

NEW 5 CP
Introduction to Geoinformatics
MA6ES000

10 CP

4. Semester summer semester

30 CP **MAS**
Master Thesis
MA6ES004

Summe	30 CP	30 CP	30 CP	30 CP

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