Modules – M.Sc. Global Change Geography

Focus on Earth Observation

Basics
compulsory
1st semester

MSc1
Quantitative Methods for Geographers

MSc2
Climate and Earth System Dynamics

MSc3
Global Land Use Dynamics

Specialization phase 1
partly elective
2nd semester

MSc4
Ecosystem Dynamics and Global Change

Aquisition and Analysis of Environmental Data

MSc5.1
Field observation in climatology and hydrology

MSc5.2
Earth Observation

Environmental Modelling

MSc6.1
Spatial modelling of the human-environment systems

MSc6.2
Systemic sustainability assessments of urban areas

Specialization phase 2
free elective
3rd & 4th semester

MSc7 – Elective Specialization 1
Advanced Earth Observation
offered at irregular intervals

General Elective

MSc8 – Elective Specialization 2
Geoprocessing with Python
offered at irregular intervals

Scientific Writing
compulsory

Geomatics Colloquium

Master thesis
compulsory
4th semester

Thesis with focus on Remote Sensing

If you wish to focus your studies on Earth Observation, we recommend taking the highlighted courses!