

# PROPOSED PLAN OF STUDY OF THE MASTER OF SCIENCE: M.SC. PHYSICS OF THE EARTH AND ATMOSPHERE

Begin of study: summer term ☀

1st term	2nd term	3rd term	4th term
Inverse Modelling*	Prognostic Modelling*	Literature Seminar and current Research Questions	Master Thesis
Compulsory Module 1 of Main Focus	Compulsory Module 3 of Main Focus	Project Work	
Compulsory Module 2 of Main Focus	Compulsory Module 4 of Main Focus		
Elective Module 1	Compulsory Module 5 of Main Focus		
Elective Module 2	Elective Module 3		

\*Prognostic Modelling & Inverse Modelling: annually alternating between Bonn and Cologne

Box height = 3 Credit Points (ECTS) and weight = ECTS/120

## MASTER COMPULSORY MODULE:

summer term ☀

### Geophysics

**GEOAFC:** Advanced Geophysical Field Course

**GEOSPACE:** Space Physics

### Meteorology

**METABL:** Atmospheric Boundary Layer

**METCLIMATE:** Physical Climatology

winter term ☁

### Geophysics

**GEOEEM:** Direct Current and Electro-magnetic Exploration Methods

**GEOSEIS:** Seismology

**GEOSOSYS:** Geophysics of the solar system

### Meteorology

**METCLOUD:** Clouds and Precipitation

**METADM:** Atmospheric Dynamics and Modeling

**METRAD:** Radiation