

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

Begin of study: winter term ☁️

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

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

summer term ☀️

Geophysics

GEOAFC: Advanced Geophysical Field Course

GEOSPACE: Space Physics

Meteorology

METABL: Atmospheric Boundary Layer

METCLIMATE: Physical Climatology

More information for each module in module handbook