Prof. Dagmar Haase  
Complex socio-ecological systems and sustainability transitions  
Landscape Ecology  Modules: 4, 6, 7, 8

Prof. Patrick Hostert  
 Geography from space – remote sensing of land systems  
Earth Observation  Modules: 3, 5, 6, 7, 8

Prof. Dieter Gerten  
Global hydrology, earth system modelling  
PIK  Module: 2

Prof. Tobias Krüger  
Transformations and uncertainties of land-water systems  
IRI THESys  Modules: 1, 6, 7, 8

Prof. Tobias Kümmerle  
Conservation science, land system science  
Biogeography  Modules: 3, 4, 6, 7, 8

Prof. Tobia Lakes  
Spatial analysis and modelling of human-environment interactions  
Geoinformation Science  Modules: 1, 6, 7, 8

Prof. Wolfgang Lucht  
Earth system analysis and modelling, sustainability science  
PIK  Module: 2

Prof. Dörthe Tetzlaff  
Ecohydrology and landscape hydrology  
IGB  Module: 5.1

Prof. Christoph Schneider  
Climatology – urban climate and air quality, cryosphere and climate  
Climate Geography  Modules: 2, 5.1, 6, 7, 8

Further Information
Information on the study programme: 
hu.berlin/mscgeo
Information regarding application and deadlines: 
hu.berlin/apply
Programme summary

Master students of the M.Sc. Global Change Geography will gain profound knowledge of current research questions, approaches and insights regarding the interactions between environment and society in the context of global change. Therefore, the programme aims at providing knowledge on scientific methods and findings from physical geography, in particular biogeography, climatology, hydrology, remote sensing, sustainability sciences, and geoinformation science. Students learn to integrate scientific theories, findings, and procedures for analysing and modelling human-environmental systems. In addition, the specialization of scientific key skills such as scientific writing and presenting, the analysis of primary literature as well as special language skills in English is a major qualification goal. The competencies for dealing with questions of global change and sustainable transformation are provided by applying a wide range of teaching and assessment modes such as classical classroom teaching, virtual lessons, research guided project work, intense research seminars and field work.

The study programme qualifies students for a wide range of professional fields, such as employment in science, planning, consultancy, nature conservation, development cooperation, specialized media or international organizations.

Programme organization

The M.Sc. Global Change Geography is a two-year master programme. Year one consists of compulsory and elective modules. The modular structure of year two with flexible and research oriented specialization modules enables students to tailor the programme around individual interests and career goals. All courses are taught in English. See overview below for details.

Application and Enrolment

Applicants hold a BSc degree in physical geography or a neighbouring discipline. German language skills are not required for this study programme. For further information on requirements and procedures, see hu.berlin/apply. International applicants apply via uni-assist. Applicants with German citizenship apply directly.

Exemplary Study Programme

1st Semester
1. Semester
1. Quantitative Methods for Geographers
2. Climate and Earth System Dynamics
3. Global Land Use Dynamics

2nd Semester
2. Semester
4. Ecosystem Dynamics and Global Change
5. Acquisition and Analysis of Environmental Data
5.1 Field observation in climatology and hydrology
5.2 Earth observation
6. Elective Specialization 1

3rd Semester
3. Semester
7. Elective Specialization 2
8. Elective Specialization 3
9. Scientific Writing
General Elective

4th Semester
4. Semester
Master Thesis