PHYSICAL GEOGRAPHY: ENVIRONMENTAL HISTORY

Introduction to the new Master of Science Program in Geography

WHY A NEW M. SC. PROGRAM?

- Interdisciplinary research
- Internationalisation
- Bridging a gap for geography study programs
In the framework of our national and international research projects we realised during the past years that:

- Young scientists need to be better prepared for interdisciplinary research,
- Interdisciplinary qualification is necessary for leading climate and environmental research,
- Job perspectives after an interdisciplinary training program are promising.

⇒ There is a need for an interdisciplinary master program!

INTERNATIONALISATION

Currently there are ca. 250 Mio. students around the world, 2% of which are international students, a number that increased considerably during the past years and will even more in the near future. In consequence there is a

- Growing market in higher education,
- An increasing number of German students who want to be well-prepared for the international job market by studying a master program in English language,
- An increasing number of foreign students, who wish to study abroad (i.e. in Germany without tuition) in the science-language English.

⇒ There is a need for an international master program!
CLOSING A GAP FOR GEOGRAPHY STUDY PROGRAMS

Zweifach-Bachelor
B. A. mit Lehramtsoption
B. A. ohne Lehramtsoption
Master of Education
M. Ed.
Dr. rer. pol.
Dr. phil.

Vollfach-Bachelor Geographie
B. A.
B. Sc.
Environmental History
M. Sc.
Stadt- und Regionalentwicklung
M. A.

Open for other bachelor programs

Supporting Professors

Bernd Zolitschka
Inst. of Geography (coordinator)

Benjamin Marzeion
Inst. of Geography

Michael Flitner
Inst. of Geography and artec

Uta Halle
Inst. of History and State Archaeology
COOPERATING INSTITUTIONS

1. Semester – Introductory Phase

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<tr>
<th>Compulsory Module</th>
<th>Elective Module</th>
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<td>EH-RP1 Research Process I (3 CP)</td>
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<td>PG-CL1 Climatology I (9 CP)</td>
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<tr>
<td>PG-EA1 Lacustrine Environmental Archives I (9 CP)</td>
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<tr>
<td>PG-VA1 Vegetation History and Archaeobotany I (9 CP)</td>
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<tr>
<td>PG-AR1 Archaeology I (9 CP)</td>
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<tr>
<td>PG-EA2 Lacustrine Environmental Archives II (9 CP)</td>
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<td>PG-VH2 Vegetation History and Archaeobotany II (9 CP)</td>
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<td>PG-AR2 Archaeology II (9 CP)</td>
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<td>PG-EA3 Computer-based Analyses (3 CP)</td>
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<td>PG-HE2 Historical Political Ecology (6 CP)</td>
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2. Semester – Advanced Study Phase

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STRUCTURE OF THE STUDY PROGRAM AND OVERVIEW OF MODULES – FIRST YEAR
3. Semester – Individualisation Phase

- PG-RP2 Research Process II (12 CP)
- PG-INS Internship (12 CP)
- MAR-C2 Marine Environmental Archives: Methods (8 CP)
- PG-BOK Bodenkunde (Soil Science) (8 CP)
- PG-REH Regional Environmental History (8 CP)

Study Abroad (18 CP)
General Studies (max. 6 CP, no grade)

4. Semester – Final Phase

- Master-Thesis (30 CP)

**Additional Core subjects**

**Structures of the Study Program and Overview of Modules – Second Year**

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- **Climatology**
- **Marine geosciences and climate modelling**
- **Palaeolimnology: lake sediment studies**
- **Prehistoric, settlement and maritime archaeology**
- **Remote sensing and radiometric dating**
- **Sustainability studies**
- **Vegetation history and archaeobotany**

**Topics for Specialisation**

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IN BRIEF

- **Degree**: Master of Science (M. Sc.)
- **Duration**: 2 years (120 CP/ECTS)
- **Admission requirements**:
  - English proficiency level C1
  - B. Sc. in a related geoscientific field with 180 CP/ECTS
- **Teaching language**: English
- **Application deadline**: April 30
- **Start of the program**: October 1, 2016

We look forward to the start of this new interdisciplinary master program.