# Module description

## Module title
Introduction to Geophysics

## Abbreviation
04-Geo-PSE-152-m01

## Module coordinator
holder of the Professorship of Physical Geography

## Module offered by
Institute of Geography and Geology

## ECTS
5

## Method of grading
numerical grade

## Only after succ. compl. of module(s)
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## Duration
1 semester

## Module level
undergraduate

## Other prerequisites
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### Contents
Introduction into "solid" Earth physics with aspects of basic geo-thermodynamics, geo-material sciences, and the classic fields of geophysics: Accretion and differentiation of the planet earth, the earth as a thermodynamic engine, geothermics, seisms, gravimetric-, and electromagnetic fields, physics of magma and solid rocks.

### Intended learning outcomes
Basics in physical geography and geo-materials

### Courses (type, number of weekly contact hours, language — if other than German)

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<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours</th>
<th>Language</th>
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<td>V</td>
<td>2</td>
<td>German and/or English</td>
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Module taught in: German and/or English

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

- **written examination** (approx. 30 minutes)
- Language of assessment: German and/or English

### Allocation of places
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### Additional information
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### Referred to in LPO I (examination regulations for teaching-degree programmes)
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### Module appears in
- Bachelor's degree (1 major) Geography (2015)
- Bachelor's degree (1 major, 1 minor) Pre- and Protohistoric Archaeology (2015)
- Bachelor's degree (2 majors) Pre- and Protohistoric Archaeology (2015)