# Data Acquisition and Processing in Physical Geography

**Module title**
Data Acquisition and Processing in Physical Geography

**Abbreviation**
09-MT1-072-m01

**Module coordinator**
holder of the Chair of Physical Geography

**Module offered by**
Institute of Geography and Geology

**ECTS**
5

**Method of grading**
numerical grade

**Duration**
1 semester

**Module level**
undergraduate

**Other prerequisites**
--

## Contents
Consolidation of methodical knowledge concerning the collection and processing of data sets, which will be aduced in "Physical Geography" as a typical example in order to understand the natural environment; Advanced students can attend alternative seminars, in which applications from the areas ground climatology, climate modelling, geophysical methods, soil science of fields, remote sensing and GIS (geographic information system) will be offered optionally.

## Intended learning outcomes
Students possess in-depth knowledge of the area Basic Course, Methodology, Cartography, Statistics and EDP which will be acquired through a specific task. Thus, each form of data collection in the field or the modelling at the computer with different stages of data processing in the lab or at the computer will be linked together in order to teach the practical dealing with geophysical measurement methods as well as the dealing with different software applications.

## Courses
(no information on SWS (weekly contact hours) and course language available)

**S**
presentation (15 minutes) with written elaboration (15 pages), weighted 1:1

## Allocation of places
--

## Additional information
--

## Referred to in LPO I
(examination regulations for teaching-degree programmes)
--

## Module appears in
Bachelor' degree (1 major) Geography (2007)
Bachelor' degree (1 major) Mathematics (2007)