## Module title
Rock Identification under the Microscope

## Abbreviation
04-Geo-GM-152-m01

## Module coordinator
holder of the Professorship of Geodynamics and Geomaterials Research

## 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
Guidance on microscopy of minerals and thin slices of rocks under the polarisation microscope. In order to use a transmitted light microscope, students learn the ropes of crystal-optical principles. On this basis, the most important rock forming groups of minerals will be elucidated by their typical optical features in the thin section.

## Intended learning outcomes
The students achieve the necessary basics concerning the identification of the most important rock-forming minerals under the polarisation microscope. This module provides students with crucial basics of advanced studies of Petrology and Crystalline Geology.

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

| Ü (2) | 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)

a) written examination (approx. 45 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) presentation (approx. 30 minutes)

Assessment offered: Once a year, summer semester

Language of assessment: German and/or English

## Allocation of places
max. 20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters with the individual student's progression through their degree programme being taken into account. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.

## 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' 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)