### Module title

**Computer-based statistical data analysis**

### Abbreviation

04-Geo-MSTAT-152-m01

### Module coordinator

holder of the Professorship of Climatology

### Module offered by

Institute of Geography and Geology

### ECTS

<table>
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<tr>
<th>5</th>
<th>numerical grade</th>
<th>Only after succ. compl. of module(s)</th>
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### Method of grading

- Only after succ. compl. of module(s)

### Duration

- 1 semester

### Module level

- graduate

### Other prerequisites

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### Contents

Thus, in the module "Statistics III" common and specific processes of univariate and multivariate statistic will be implemented on the computer with the help of basic programming language FORTRAN and by plausible examples from different areas of "Geography".

### Intended learning outcomes

Based on the theoretical knowledge of univariate and multivariate statistics from the Bachelor level, the students will be enabled to apply statistical issues by means of programming.

### 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) exercises (approx. 15 pages) or b) oral examination of one candidate each or oral examination in groups (each approx. 15 minutes per candidate)

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

- Master's degree (1 major) Applied Human Geography (2015)
- Master's degree (1 major) Applied Physical Geography (2015)
- Master's degree (1 major) Applied Physical Geography (2016)
- Master's degree (1 major) Applied Human Geography (2017)