### Module title

**Statistics: Special and Multivariate Procedures**

### Abbreviation

04-Geo-STATM-152-m01

### Module coordinator

holder of the Professorship of Climatology

### Module offered by

Institute of Geography and Geology

### ECTS

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

### Duration

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
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<tbody>
<tr>
<td>1 semester</td>
<td>undergraduate</td>
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### Contents

The basics of multivariate statistics will be presented, including multiple regression, spectral analysis and eigenvalue techniques.

### Intended learning outcomes

The students achieve methodical skills in terms of multivariate statistical methods and data analysis.

### Courses

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

### Method of assessment

- **Type:** written examination (approx. 60 minutes)
- **Language:** 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 (1 major, 1 minor) Geography (Focus Physical Geography) (2015)
- Bachelor’s degree (1 major, 1 minor) Geography (Focus Human Geography) (2015)
- Bachelor’s degree (2 majors) Pre- and Protohistoric Archaeology (2015)
- Bachelor’s degree (1 major, 1 minor) Geography (2017)