# Module description

## Module title
Statistics: Special and Multivariate Procedures

## Abbreviation
04-Geo-STAT-M-161-m01

## Module coordinator
holder of the Professorship of Climatology

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

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

<table>
<thead>
<tr>
<th>Type of assessment</th>
<th>Scope</th>
<th>Language</th>
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<tr>
<td>written examination</td>
<td>approx. 60 minutes</td>
<td>German and/or English</td>
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## 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) General and Applied Linguistics (2016)