### Module title
Basic Notations and Methods of Mathematical Reasoning

### Abbreviation
10-M-GBM-131-m01

### Module coordinator
Dean of Studies Mathematik (Mathematics)

### Module offered by
Institute of Mathematics

### ECTS
2

### Method of grading
Only after succ. compl. of module(s)

### (not) successfully completed
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### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
Introduction to the basic notions and proof techniques in mathematics: approach to sets, formal logic and maps.

### Intended learning outcomes
The student gets acquainted with the basic working techniques which are prerequisites for the further courses in the Bachelor's degree study programme.

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Course</th>
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<tbody>
<tr>
<td>V + Ü</td>
<td>project assignment (approx. 60 to 120 minutes)</td>
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### Language of assessment
German, English

### Method of assessment
(project assignment (approx. 60 to 120 minutes)

### Allocation of places
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### Additional information
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### Referred to in LPO I
(examination regulations for teaching-degree programmes)

### Module appears in
Bachelor' degree (1 major) Mathematics (2014)
Bachelor' degree (1 major) Computational Mathematics (2014)