### Module title

**Propaedeutics of Mathematics**  
Abbreviation: 10-M-PPM-082-m01

### Module coordinator

Dean of Studies Mathematik (Mathematics)

### Module offered by

Institute of Mathematics

### ECTS

<table>
<thead>
<tr>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<tbody>
<tr>
<td>2</td>
<td>(not) successfully completed</td>
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### Duration

1 semester

### Module level

undergraduate

### Other prerequisites

Admission prerequisite to assessment: regular attendance of courses (as specified at the beginning of the course).

### Contents

Fundamental proof methods and questions in mathematics, insight into examples of abstract concepts of mathematics, e.g. by reference to its historical development, approach to axiomatic and deduction.

### Intended learning outcomes

The student is acquainted with the basic proof methods and techniques in mathematics. He/She is able to perform easy mathematical arguments independently and present them adequately and reasonably in written and oral form.

### Courses

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

### Method of assessment

Project assignments (type and expenditure of time to be specified by the lecturer at the beginning of the course)  
Assessment offered: once a year, winter semester  
Language of assessment: German, English if agreed upon with the examiner

### 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' degree (1 major) Mathematics (2008)  
Bachelor' degree (1 major) Economathematics (2009)  
Bachelor' degree (1 major) Economathematics (2008)  
Bachelor' degree (1 major) Mathematical Physics (2009)  
Bachelor' degree (1 major) Computational Mathematics (2009)  
Bachelor's degree (1 major, 1 minor) Mathematics (Minor, 2008)  
First state examination for the teaching degree Gymnasium Mathematics (2009)