### Module title
Reasoning and Writing in Mathematics

### Abbreviation
10-M-ASM-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)

### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
Introduction to fundamental methods of thinking and proving, basic techniques in mathematics as well as mathematical writing; insight into examples of abstracts concepts in mathematics; 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 assignment (approx. 60 to 120 minutes)

Language of assessment: German, 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)

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