### Module title
Advanced Didactics of Mathematics 1 (German Mittelschule)

### Abbreviation
10-M-DVMS1-152-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
Discussion of topics in teaching mathematics in Mittelschule taking into account different aspects, in particular mathematical foundations, didactic analyses, contemporary discussions in mathematics didactics as well as possible approaches in the classroom.

### Intended learning outcomes
The student is able to discuss central topics and issues on teaching mathematics in German Mittelschule, considering subject-specific, didactical and methodical aspects.

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

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<th>Type</th>
<th>Contact Hours</th>
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### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

- a) talk (approx. 45 minutes) or b) term paper (5 to 10 pages) or c) project (10 to 15 pages)

Assessment offered: Every two years, winter semester

### Allocation of places
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### Additional information
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### Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 22 II Nr. 1 h)

### Module appears in
First state examination for the teaching degree Sonderpädagogik Didactics in Mathematics (Middle School) (2015)
First state examination for the teaching degree Mittelschule Mathematics (2015)
First state examination for the teaching degree Mittelschule Didactics in Mathematics (Middle School) (2015)