## Module description

<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
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<tbody>
<tr>
<td>School Mathematics from a Higher Perspective</td>
<td>10-M-SCH-152-m01</td>
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### Module coordinator
Dean of Studies Mathematik (Mathematics)

### Module offered by
Institute of Mathematics

### ECTS | Method of grading | Only after succ. compl. of module(s) |
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<tbody>
<tr>
<td>5</td>
<td>(not) successfully completed</td>
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### Duration | Module level | Other prerequisites |
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<tr>
<td>1 semester</td>
<td>undergraduate</td>
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### Contents
Discussion of selected topics in school mathematics with respect to their integration into wider theories and their didactic implementation at both school and university levels.

### Intended learning outcomes
By means of selected examples, the student gains insight into the interrelation between school mathematics and advanced mathematical theories. He/She is able to discuss these under mathematical, didactical and methodical aspect.

### Courses (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2)

### 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 (10 to 15 pages) or c) project (15 to 25 hours)
- Assessment offered: In the semester in which the course is offered and in the subsequent semester
- Language of assessment: German and/or 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)

- § 22 II Nr. 1 h)
- § 22 II Nr. 2 f)
- § 22 II Nr. 3 f)

### Module appears in
- Bachelor’ degree (1 major) Mathematics (2015)
- Bachelor’ degree (1 major) Mathematical Physics (2015)
- Bachelor’ degree (1 major) Computational Mathematics (2015)
- First state examination for the teaching degree Grundschule Mathematics (2015)
- First state examination for the teaching degree Realschule Mathematics (2015)
- First state examination for the teaching degree Gymnasium Mathematics (2015)
- First state examination for the teaching degree Mittelschule Mathematics (2015)
- Bachelor’ degree (1 major) Mathematical Physics (2016)
- First state examination for the teaching degree Gymnasium Mathematics (2019)