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### Module title
Mathematics in grade 10 (virtual course)

### Abbreviation
10-M-VHBM10-152-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)

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

### Module level
undergraduate

### Other prerequisites
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### Contents
Basic topics on teaching mathematics in tenth grade in Hauptschule, Realschule and Gymnasium.

### Intended learning outcomes
The student learns basic topics in the teaching of mathematics in tenth form at German Mittelschule and Realschule, as well as the related mathematical backgrounds and proofs. He/She is acquainted with the employment of new technologies for teaching mathematics in tenth form.

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

- Ü (2)
- Course type: eLearning, mostly Virtuelle Hochschule Bayern (vhb)

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

- project (web-based, 15 to 20 hours)
- Assessment offered: Once a year, summer 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)
- § 22 II Nr. 2 f)
- § 22 II Nr. 3 f)

### Module appears in
- First state examination for the teaching degree Grundschule Mathematics (2015)
- First state examination for the teaching degree Grundschule Didactics in Mathematics (Primary School) (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 Sonderpädagogik Didactics in Mathematics (Primary School) (2015)
- 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)
- First state examination for the teaching degree Gymnasium Mathematics (2019)