

Module title		Abbreviation
Methods and Media in Teaching Mathematics 1 (German Grundschule)		10-M-MMMG1-152-m01
Module coordinator		Module offered by
Dean of Studies Mathematik (Mathematics)		Institute of Mathematics
ECTS	Method of grading	Only after succ. compl. of module(s)
3	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Topics in the methodology of teaching mathematics (e. g. support for pupils who are particularly strong or particularly weak in mathematics, dealing with heterogeneity in the classroom, organisation of substantial learning environments) and the use of media in the classroom (e. g. real objects, the use of computers) are discussed with a focus on practical implementation in the classroom.		
Intended learning outcomes		
The student knows the possibilities, limitations, advantages and disadvantages of methods and media for employment in teaching mathematics.		
Courses (type, number of weekly contact hours, language – if other than German)		
S (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 (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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Workload		
90 h		
Teaching cycle		
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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 Grundschule Mathematics (2015) First state examination for the teaching degree Grundschule Didactics in Mathematics (Primary School) (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 (Primary School) (2020 (Prüfungsordnungsversion 2015)) exchange program Mathematics (2023)		