Module title
Methodology of Teaching in Mathematics 1 (German Grundschule)

Abbreviation
10-M-DMGS1-152-m01

Module coordinator
Dean of Studies Mathematik (Mathematics)

Module offered by
Institute of Mathematics

ECTS
3

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 the methodology of teaching mathematics; e.g. support for pupils who are particularly weak or particularly strong in mathematics, dealing with heterogeneity in the classroom, organisation of substantial learning environments as well as possibilities of implementation in the classroom, also including modern technologies.

Intended learning outcomes
The student knows about possibilities to promote mathematical skills, criteria for assessing media and their use in teaching mathematics and important aspects in planning and analysing the teaching of mathematics. He/She is acquainted with learning and teaching strategies and can employ and assess them.

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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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)