Module title			Abbreviation
Practical Course Hands-on Mathematics			10-M-PRM2-152-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

Implementation of a school project on a topic in mathematics, e. g. for project days, school term papers (Facharbeiten), Pluskurse (additional courses for the in-depth study of areas of special interest), workshops. In the practical phase the students prepare the implementation, realise the project with pupils and afterwards reflect the planning and implementation.

Intended learning outcomes

The student is able to perform a school project with a suitable mathematical topic. He/She is acquainted with different aspects of project planning and management, and can reflect the process critically.

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

P (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)

project: drawing up a project plan (5 to 10 pages) and practical implementation with pupils
Assessment offered: Every two years, summer 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. 2 f)
§ 22 II Nr. 3 f)

Module appears in

First state examination for the teaching degree Realschule Mathematics (2015)
First state examination for the teaching degree Gymnasium Mathematics (2015)
Teaching degree Realschule Erweiterung Mathematics (2015)
First state examination for the teaching degree Gymnasium Mathematics (2019)
Exchange Program Mathematics (2023)
First state examination for the teaching degree Gymnasium Mathematics (2023)
Teaching degree Gymnasium Erweiterung Mathematics (2023)
Teaching degree Realschule Erweiterung Mathematics (2015 Erweiterungsfach)