Module title			Abbreviation
Hands-on Seminar Mathematics			10-M-PRA-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

Elaboration of a topic in the practical teaching of mathematics. This can either be a topic in "classical mathematics" (geometry, algebra, stochastics, analytic geometry, analysis) or a topic related to a school workshop, project, school term paper (Facharbeit) or Pluskurs (additional course for the in-depth study of areas of special interest): formulation of subject-related and didactic requirements, search for an appropriate topic, preparation of the topic for classroom practice. Usually the work will be done in groups and will be supervised and reflected by the lecturer.

Intended learning outcomes

The student is able to select and elaborate a suitable topic for teaching mathematics in school. He/She is acquainted with didactical and methodical aspects of selecting a topic, and is able to critically reflect the process.

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)

project: drawing up a project plan (10 to 15 pages)
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)

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Module appears in

First state examination for the teaching degree Gymnasium 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)