Hands-on Seminar Mathematics 10-M-PRA-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
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
S (2)

Method of assessment
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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Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 22 II Nr. 3 f)

Module appears in
First state examination for the teaching degree Gymnasium Mathematics (2015)
First state examination for the teaching degree Gymnasium Mathematics (2019)