Module title
Student Lab Supervision (Physics)

Abbreviation
11-P-FB-LLL-121-m01

Module coordinator
holder of the Chair of Physics and its Didactics

Module offered by
Faculty of Physics and Astronomy

ECTS
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Method of grading
Only after succ. compl. of module(s)

Duration
1 semester

Module level
undergraduate

Other prerequisites
This module can be chosen by students studying at least one subject in the natural sciences.

Contents
The module provides an introduction to successful supervision of pupils independently carrying out experiments in the teaching-learning-laboratory.

Intended learning outcomes
The students learn to classify different groups of pupils according to their subject-specific and experimental level of performance, to support the pupils according to their needs and age and to help them during independent experimenting (supervision competencies in open classroom situations). The students are able to methodically and critically evaluate their own actions. A lecturer gives individual feedback to the students to avoid negative behaviour patterns and to support the students’ strengths. The students develop professional behaviour patterns by repeatedly working on the same topic with different groups of pupils (reflection competencies and self-control competencies).

Courses
S (no information on SWS (weekly contact hours) and course language available)

Method of assessment
a) written examination (approx. 45 minutes) or b) term paper (approx. 8 pages, time to complete: 1 to 4 weeks) or c) examination of one candidate each (approx. 10 minutes) or d) examination in groups (approx. 20 minutes, groups of 2)

Allocation of places
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Additional information
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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 Grundschule Physics (2009)
First state examination for the teaching degree Grundschule Didactics in Physics (Primary School) (2009)
First state examination for the teaching degree Hauptschule Physics (2009)
First state examination for the teaching degree Hauptschule Didactics in Physics (Secondary School) (2009)
First state examination for the teaching degree Realschule Physics (2009)
First state examination for the teaching degree Gymnasium Physics (2009)
First state examination for the teaching degree Sonderpädagogik Didactics in Physics (Secondary School) (2009)
First state examination for the teaching degree Sonderpädagogik Didactics in Physics (Middle School) (2013)
First state examination for the teaching degree Mittelschule Physics (2013)
First state examination for the teaching degree Mittelschule Didactics in Physics (Middle School) (2013)