

<b>Module title</b>		<b>Abbreviation</b>
Demonstration Practical Course 1		11-P-DP1-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Physics and its Didactics		Faculty of Physics and Astronomy
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
6	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
Fundamental experiments of physics education in primary and secondary level I, knowledge of tools typically used in school, goal setting and didactic potential of demonstration experiments, student experiments, free-hand experiments, model experiments, etc.; computer-aided experiments; measured value acquisition, interactive screen experiments, etc.; presentation of experiments; safety in physics education, presentation competencies.		
<b>Intended learning outcomes</b>		
Competencies in working with teaching tools and experimenting materials used in commerce and school; systematic analysis of error sources of own experiments; identification of categories of experiments, their functions and their didactic potential; experience in choosing, constructing and presenting experiments according to the learning goals and group of pupils, experience in using computerised demonstration and pupils experiments; safety standards of Physics classes.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
P (no information on SWS (weekly contact hours) and course language available)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
oral examination of one candidate each (approx. 10 minutes) or oral examination in groups (groups of 2, approx. 20 minutes)		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
§ 53 (1) 1. a) Physik Mechanik, Wärmelehre, Elektrizitätslehre, Optik, der speziellen Relativitätstheorie § 53 (1) 1. c) Physik physikalische Grundpraktika § 77 (1) 1. d) Physik "physikalische Praktika"		
<b>Module appears in</b>		
First state examination for the teaching degree Grundschule Physics (2009) First state examination for the teaching degree Hauptschule Physics (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 Mittelschule Physics (2013)		