

Module title		Abbreviation
Physics: Practical Training and Theory of Classroom Teaching Grammar School		11-P-SBPGY-092-m01
Module coordinator		Module offered by
holder of the Chair of Physics and its Didactics		Faculty of Physics and Astronomy
ECTS	Method of grading	Only after succ. compl. of module(s)
4	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
<p>The module introduces teaching practice. The students gain insights into the pedagogical, didactic and methodical practice of Physics by observing and discussing classes. They consolidate their knowledge by preparing and holding classes themselves. In the corresponding seminar, the following topics (among others) will be discussed in agreement with the teachers: Introduction to the curriculum of Gymnasium; criteria to observe and analyse classes; basics of general school and class pedagogics; subject-specific work methods; planning of class sequences and models; introduction to the usage of modern media; development of blackboard pictures and transparency sketches. The main focus will be on class practice, the corresponding seminar also helps the students in developing own classes.</p>		
Intended learning outcomes		
<p>The students have gained deep insights into the main steps of planning, preparing and organising classes; they are able to implement the contents of the curricula for different grades in a practical manner; they are able to select and use media, methods and social forms according to learning goals; they are able to connect findings of school pedagogics and learning psychology with subject-didactic knowledge and to integrate these findings into the organisation of classes.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>Planung und Analyse von Physikunterricht, Gymnasium (Planning and Analysing Physics Lessons, Gymnasium): S (2 weekly contact hours), once a year (summer semester) Studienbegleitendes fachdidaktisches Praktikum Gymnasium (Practical Training in Didactics and Teaching Methodology, Gymnasium): P, once a year (summer semester)</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>This module has the following assessment components</p> <ol style="list-style-type: none"> 1. Seminar: written presentation or oral presentation with position paper (approx. 8 pages) or oral examination of one candidate each (approx. 10 minutes) or oral examination in groups of 2 (approx. 20 minutes) 2. Placement in part 2: participation in mandatory teaching practice, completion of all set tasks as specified by placement school <p>Students must register for assessment components 1 and 2 online (registration deadline to be announced). Regular attendance of courses is a prerequisite for admission to assessment component 1 (no more than 2 incidents of unexcused absence). Regular attendance of the placement as specified by the placement school is a prerequisite for admission to assessment component 2. Students must complete the two courses at the same time. To pass this module, students must pass both assessment component 1 and assessment component 2.</p>		
Allocation of places		
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Additional information		
<p>Seminar: No more than 18 places per group. Placement: Registration for and admission to placement via competent placement office.</p>		

Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 34 (1) 1. Studienbegleitendes fachdidaktisches Praktikum

Module appears in

First state examination for the teaching degree Gymnasium Educational Science (2009)