

Module title		Abbreviation
Theoretical Physics 1 (Teaching Post)		11-P-TP1-092-m01
Module coordinator		Module offered by
Managing Director of the Institute of Theoretical Physics and Astrophysics		Faculty of Physics and Astronomy
ECTS	Method of grading	Only after succ. compl. of module(s)
8	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	Certain prerequisites must be met to qualify for admission to assessment. The lecturer will inform students about the respective details at the beginning of the course. Registration for the course will be considered a declaration of will to seek admission to assessment. If students have obtained the qualification for admission to assessment over the course of the semester, the lecturer will put their registration for assessment into effect. Students who meet all prerequisites will be admitted to assessment in the current or in the subsequent semester. For assessment at a later date, students will have to obtain the qualification for admission to assessment anew.
Contents		
Classical mechanics and quantum mechanics		
Intended learning outcomes		
Basic concepts, methods and mindsets of Theoretical Physics, working strategies and ways of thinking of Theoretical Physics, knowledge of the specific role of theory in Physics.		
Courses (type, number of weekly contact hours, language — if other than German)		
V + Ü (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 120 minutes; usually chosen) or b) oral examination of one candidate each or oral examination in groups (approx. 30 minutes per candidate)		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
§ 77 (1) 1. c) Physik "Theoretische Physik"		
Module appears in		
First state examination for the teaching degree Gymnasium Physics (2009)		