

Module title		Abbreviation
Advanced Practical Course		11-P-FP-092-m01
Module coordinator		Module offered by
Managing Director of the Institute of Applied Physics		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		
Experiments of modern physics (Atom and Molecular Physics, Solid-State Physics, Nuclear Physics).		
Intended learning outcomes		
The students have knowledge of conducting an experiment and of analysing and documenting the experimental results. They have basic knowledge of modern evaluation systems. They have gained insights into the experimental methods of modern Physics.		
Courses (type, number of weekly contact hours, language — if other than German)		
P (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)		
Preparing, performing and evaluating (lab report) the experiments will be considered successfully completed if a Testat (exam) is passed. Experiments that were not successfully completed can be repeated once. Talk (with discussion; approx. 30 minutes) to test the candidate's understanding of the physics-related contents of the module component. Talks that were not successfully completed can be repeated once. Both components of the assessment have to be successfully completed.		
Allocation of places		
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Additional information		
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Workload		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
§ 77 (1) 1. d) Physik "physikalische Praktika"		
Module appears in		
First state examination for the teaching degree Gymnasium Physics (2009)		