

Module title		Abbreviation
Study Group Quantum Field Theory		11-AG-QFT-161-m01
Module coordinator		Module offered by
chairperson of examination committee		Faculty of Physics and Astronomy
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Introduction to current questions of quantum field theory as a preparation for a Master's thesis in this area. Summary of the required fundamental topics in a seminar presentation.		
<b>Intended learning outcomes</b>		
The students have advanced knowledge of quantum field theory and have gained insights into current research topics. They are able to summarise their knowledge in an oral presentation.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German or English		
<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)		
talk (60 to 120 minutes) Assessment offered: In the semester in which the course is offered and in the subsequent semester Language of assessment: German and/or English		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Mathematical Physics (2016) Master's degree (1 major) Mathematical Physics (2020) Master's degree (1 major) Mathematical Physics (2022)		