

Module description

Module title					Abbreviation	
Partial Differential Equations of Mathematical Physics 10-M=VPDPin-152-mo1						
Modul	le coord	linator		Module offered by		
Dean of Studies Mathematik (Mathema			ematics)	Institute of Mathematics		
ECTS Method of grading		Only after succ. co	Only after succ. compl. of module(s)			
10	nume	rical grade				
Duration		Module level	Other prerequisites	Other prerequisites		
1 semester		graduate				
Conte	nts					
examp	oles; ini	tial and boundary valu		d and ill-posed prob	and wave equation as standard lems; solution methods; extensiransforms.	
Intend	led lear	ning outcomes				
equati	ions, as	well as standard exar		al physics. He/She i	the theory of partial differential s able to establish a connection ions in physics.	
Courses (type, number of weekly contact hours, language — if other than German)						
V (4) + Modul		t in: English				
		sessment (type, scope, lar ble for bonus)	nguage — if other than German,	examination offered — if r	not every semester, information on whether	
(appro Assess Langu	ox. 20 m sment c	ninutes) or c) oral exan offered: In the semeste assessment: English	to 120 minutes, usually nination in groups (grou er in which the course is	ips of 2, 15 minutes		
Alloca	tion of	places				
Additi	onal inf	ormation				
Workl	oad					
300 h						
Teach	ing cycl	e				
Referr	ed to in	LPO I (examination regula	tions for teaching-degree progr	ammes)		
Modul	le appe	ars in				
Maste	r's degr	ee (1 major) Mathema	tics International (2015)		
NA 4 -		saa (4 maiay) Dhysias Ir	stornational (acca)			

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Master's degree (1 major) Physics International (2020) Master's degree (1 major) Mathematics International (2021) Master's degree (1 major) Mathematics International (2022) Master's degree (1 major) Physics International (2024)