

## Module description

Module title					Abbreviation	
Ultrafast spectroscopy and quantum-control 08-PCM4-242-mo1						
Module	e coord	inator		Module offered by	1	
lecturer of the seminar "Nanoskalige Materialien"				Institute of Physical and Theoretical Chemistry		
ECTS Method of grading		od of grading	Only after succ. con	Only after succ. compl. of module(s)		
5	nume	rical grade				
Duration		Module level	Other prerequisites	Other prerequisites		
1 semester		graduate	Prior completion of	Prior completion of modules o8-PCM1a and o8-PCM1b recommended.		
Conten	its					
			pics in ultrafast spectro ectroscopy and coheren		n control. It focuses on ultrashort	
Intend	ed learı	ning outcomes				
plain th	ne theo		ser spectroscopy and na		characterise them. They can ex- nethods. They can describe the	
Course	<b>S</b> (type, r	number of weekly contact hou	ırs, language — if other than Ge	rman)		
S (2) + Module		t in: German or Englis	h			
		<b>sessment</b> (type, scope, landle for bonus)	nguage — if other than German,	examination offered — if I	not every semester, information on whether	
b) talk c) portf	(approz folio (ap	nation of one candidat x. 30 minutes) or oprox. 50 hours total) ssessment: German a	e each (approx. 20 minund/or English	utes) or		
Allocat						
Additio	nal inf	ormation				
Worklo	ad					
150 h						
Teachi	ng cycl	e				
Referre	ed to in	LPO I (examination regula	tions for teaching-degree progra	ammes)		
Module	e appea	rs in				
Master	's degr	ee (1 major) Chemistry	<i>I</i> (2024)			

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