

Annex SFB

Studienfachbeschreibung (subject description, SFB) for Module studies (Master) **Nanostructure Technology**

Responsible: Faculty of Physics and Astronomy

Examination regulations version: 2019

Abbreviations used: Course types: $\mathbf{E} = \text{field trip}$, $\mathbf{K} = \text{colloquium}$, $\mathbf{O} = \text{conversatorium}$, $\mathbf{P} = \text{placement/lab course}$, $\mathbf{R} = \text{project}$, $\mathbf{S} = \text{seminar}$, $\mathbf{T} = \text{tutorial}$, $\mathbf{U} = \text{exercise}$, $\mathbf{V} = \mathbf{V} = \mathbf$

= lecture

Term: **SS** = summer semester. **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: (L)ASPO = general academic and examination regulations (for teaching-degree programmes), FSB = subject-specific provisions, SFB

= list of modules

Other: A = thesis, LV = course(s), PL = assessment(s), TN = participants, VL = prerequisite(s)

Conventions for the Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not cre-

modules in this SFB: ditable for bonus.

Information on Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the meassessment procedures: thod of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

15-May-2019 (2019-36) 27-Jun-2019 (2019-41) 14-Nov-2019 (2019-52) 22-Jan-2020 (2020-13) o6-May-2020 (2020-39) 22-Jul-2020 (2020-57) 17-Dec-2020 (2020-110) 10-Mar-2021 (2021-17) 09-Jun-2021 (2021-58) 22-Dec-2021 (2021-85) 05-Jul-2022 (2022-52) 31-Jan-2023 (2022-86) 15-Jun-2023 (2023-58) 13-Dec-2023 (2023-107)

07-Aug-2024 (2024-82)

22-Jan-2025 (2025-1)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

Module title

Abbreviation

Mobicviation	modute titte		
Nanostructure Tech	nnology (2019)	JMU Würzburg • generated 19-Apr-2025 • exam. reg. data record MM 224 - - H 2019	page 2 / 25

ECTS	Durat	ion	(in semesters)	Method of grading		Module level	
Courses	Courses		cified in the form X	(y) with course type X a	bbreviated as specified abo	ove and number of we	ekly contact hours y
Method of a	issessment						
Only after so		if applica	ble				
Other prered	quisites	if applica	ble				
Participants on of places	and allocati-	if applica	ble				
Additional information		if applica	ble				
Referred to	in LPO I	if applica	ble (examination re	egulations for teaching-c	degree programmes)		

Summer Term 2019)									
11-EXN5-161-m01	Current	Topics	in Nanos	tructure Technology						
	ECTS	5	Duration	1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses	S		V (2) + R (2)	· · · · · · · · · · · · · · · · · · ·	•				
	Method	of ass	essment	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest.						
	tanguage of assessment: German and/or English other prerequisites Approval from examination committee required.									
FVNIC	•				ination committee required.					
11-EXN6-161-m01			_	tructure Technology		Tag. 1.11. 1	1			
		6	Duration		Method of grading numerical grade	Modul level	graduate			
	Courses			V (3) + R (1)						
	Method of assessment			written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English						
	other p	rerequi	sites	Approval from examination committee required.						
11-EXN7-161-m01	Current	Topics	in Nanos	tructure Technology						
	ECTS	7	Duration	1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses	S		V(3) + R(1)						
	Method	l of ass	essment	amination in groups on/talk (approx. 30 I If a written examinat form of an oral exam the lecturer must info	(approx. 90 to 120 minutes) or oral examination (groups of 2, approx. 30 minutes per candidate) minutes). ion was chosen as method of assessment, this rination of one candidate each or an oral examin orm students about this by four weeks prior to the ment: German and/or English) or project report (appromay be changed and association in groups. If the m	sessment may instead take the ethod of assessment is changed,			
	other p	rerequi	sites	Approval from exami	ination committee required.					

11-EXN8-161-mo1	Current Topics in Nanostructure Technology										
	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (4)	+ R (2)	·					
				written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English							
	other p	reregui	sites			tion committee required.					
11-EXN6A-161-mo1	other prerequisites Approval from examination committee required. Current Topics in Nanostructure Technology										
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (3)	+ R (1)	·					
				amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English							
	other p			Approval from examination committee required.							
11-EXP6-161-m01			in Physik			<u>_</u>					
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
		d of ass		a) wri b) ora c) ora d) pro e) pro If a w form the le	al examination of onless and examination in good of the control of	(approx. 90 to 120 minutes) or one candidate each (approx. 30 minutes) or groups (groups of 2, approx. 30 minutes per call x. 8 to 10 pages) or opprox. 30 minutes) a was chosen as method of assessment, this mation of one candidate each or an oral examinate in students about this by four weeks prior to the one: German and/or English	nay be changed and assistion in groups. If the m	ethod of assessment is changed,			
	other p	rerequi	sites	Appro	oval from examina	tion committee required.					

11-EXP6A-161-m01	Current	Topics	in Physik	ζ	,	,			
	ECTS	6	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate
	Course	S		V (3)	+ R (1)				
	Method	of asse	essment			(approx. 90 to 120 mir			
						one candidate each (a _l		11.1.4.	
						groups (groups of 2, ap ox. 8 to 10 pages) or	prox. 30 minutes per c	andidate) or	
						pprox. 30 minutes)			
							od of assessment, this i	may be changed and ass	sessment may instead take the
									ethod of assessment is changed,
								he original examination	date at the latest.
						nt: German and/or Eng			_
		rerequis			oval from examina	ition committee require	ed.		
11-EXP5-161-m01			in Physik				_		
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate
	Course				+ R (2)				
	other prerequisites			written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English					
				Approval from examination committee required.					
11-EXP7-161-m01	Current	t Topics	in Physik	(
	ECTS	7	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate
	Course	S		V (3)	+ R (1)				
	Method	l of asse	essment	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English					
	other p	rerequis	sites	Appro	oval from examina	ition committee require	ed.		

11-EXP8-161-m01	Current Topics in Physik											
	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (4)	+ R (2)		•					
	Method	l of ass		written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other prerequisites Approval from examination committee required.											
11-CSFM-161-mo1					e Physics		1					
	ECTS 6 Duratio				1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (1)	n (approx. 90 to 120 minutes) or	,					
				c) ora d) pro e) pro If a w form the lo Lange	al examination in oject report (appresentation/talk (a ritten examination of an oral examin ecturer must infor uage of assessme	f one candidate each (approx. 30 minutes) or groups (groups of 2, approx. 30 minutes per rox. 8 to 10 pages) or approx. 30 minutes) on was chosen as method of assessment, thi nation of one candidate each or an oral exam rm students about this by four weeks prior to ent: German and/or English	r candidate) or is may be changed and a nination in groups. If the	method of assessment is changed,				
CONN		rerequi		<u> </u>		ation committee required.						
11-CSNM-161-m01					ture Technology			1				
	ECTS Course	6 s	Duration		1 semester + R (1)	Method of grading numerical grade	Modul level	graduate				
	Method	l of ass	essment	writte amin on/ta If a w form the le	en examination (a ation in groups (g alk (approx. 30 mi vritten examinatio of an oral examin ecturer must infor	approx. 90 to 120 minutes) or oral examination groups of 2, approx. 30 minutes per candidation was chosen as method of assessment, thit nation of one candidate each or an oral examorm students about this by four weeks prior to ent: German and/or English	te) or project report (app is may be changed and a nination in groups. If the	rox. 8 to 10 pages) or presentati- ssessment may instead take the method of assessment is changed,				
	other p	rerequi	sites	Appro	oval from examin	ation committee required.						

11-CSPM-161-mo1	7										
	ECTS	6	Duration	<u> </u>	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (3) -	+ R (1)	•	•				
	Method	l of ass	essment	amina on/ta If a wi form of the le	ritten examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral exmination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentatin/talk (approx. 30 minutes). a written examination was chosen as method of assessment, this may be changed and assessment may instead take the orm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, he lecturer must inform students about this by four weeks prior to the original examination date at the latest. anguage of assessment: German and/or English						
	other p	rerequi	sites	Appro	oval from examinati	on committee required.					
Winter Term 2019											
11-EXN5-161-m01	Current	Topics	in Nanos	tructu	re Technology						
	ECTS	5	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (2) ·	+ R (2)	·					
	Method of assessment			amina on/ta If a wi form of the le	ation in groups (gro lk (approx. 30 minu ritten examination v of an oral examinat cturer must inform	orox. 90 to 120 minutes) or oral examination of oups of 2, approx. 30 minutes per candidate) or ottes). was chosen as method of assessment, this may ion of one candidate each or an oral examination students about this by four weeks prior to the outer.	project report (appro be changed and ass on in groups. If the m	sessment may instead take the ethod of assessment is changed,			
	other p					on committee required.					
11-EXN6-161-m01			1		re Technology						
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course			V (3) ·							
	Method	l of ass	essment	amina on/ta If a wi form of the le	ation in groups (gro lk (approx. 30 minu ritten examination v of an oral examinat cturer must inform	orox. 90 to 120 minutes) or oral examination of oups of 2, approx. 30 minutes per candidate) or utes). was chosen as method of assessment, this may ion of one candidate each or an oral examination students about this by four weeks prior to the oran and/or English	project report (appro be changed and ass on in groups. If the m	sessment may instead take the ethod of assessment is changed,			
	other p	rerequi	sites	Appro	oval from examinati	on committee required.					

· ·	Current Topics in Nanostructure Technology										
	ECTS	7	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S	<u> </u>	V (3)	+ R (1)						
	Method	l of ass	essment	amin on/ta If a w form the le	vritten examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the orm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, he lecturer must inform students about this by four weeks prior to the original examination date at the latest. anguage of assessment: German and/or English						
	other p	rerequi	sites	Appro	oval from examination	on committee required.					
11-EXN8-161-mo1	Current	Topics	in Nanos	tructu	re Technology		,				
	ECTS 8 Duration			1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses			V (4)	+ R (2)	•					
				on/ta If a w form the le	amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presen on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is chattelecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English						
	other p	rerequi	sites	Approval from examination committee required.							
11-EXN6A-161-m01	Current	Topics	in Nanos	tructu	re Technology		,				
	ECTS	6	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (3)	+ R (1)						
	Method	l of ass	essment	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English							
	other p	rerequi	sites	Appr	oval from examination	on committee required.					

11-EXP6-161-m01	Current	t Topics	in Physik	('					
	ECTS	6	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		V (3)	+ R (1)			•			
	Method	d of ass				approx. 90 to 120 mir					
					b) oral examination of one candidate each (approx. 30 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or						
				c) ora	il examination in gi	roups (groups of 2, ap k. 8 to 10 pages) or	prox. 30 minutes per ca	andidate) or			
				e) pre	sentation/talk (ap	prox. 30 minutes)					
									sessment may instead take the		
								lation in groups. If the m he original examination (ethod of assessment is changed,		
						t: German and/or Eng		ne ongmai examination (uate at the latest.		
	other p	reregui	sites			ion committee requir	•				
11-EXP6A-161-m01											
		6	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S	,	V (3)	+ R (1)	•		·			
	Method	d of ass	essment	a) wri	a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or						
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						roups (groups of 2, ap k. 8 to 10 pages) or	prox. 30 minutes per c	andidate) or			
				e) pre	e) presentation/talk (approx. 30 minutes)						
				If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,							
				the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English							
	other p	rerequi	sites			ion committee requir	•	,			
11-EXP5-161-m01			in Physik								
_	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S	,	V (2)	+ R (2)	'	•	·	•		
	Method	d of ass	essment						approx. 30 minutes) or oral ex-		
							minutes per candidate)) or project report (appro	x. 8 to 10 pages) or presentati-		
					lk (approx. 30 min		nd of accessment this	may he changed and acc	sessment may instead take the		
				form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed the lecturer must inform students about this by four weeks prior to the original examination date at the latest.							
					Language of assessment: German and/or English						
	other p	rerequi	sites	Appro	oval from examinat	ion committee requir	ed.				

11-EXP7-161-m01	Current Topics in Physik									
	ECTS	7	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		V (3) ·	+ R (1)			-		
	Method	d of ass	essment	amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest.						
	othorn	rorogui	icitos		en examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral eation in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentate lake (approx. 30 minutes). If the proximation was chosen as method of assessment, this may be changed and assessment may instead take the of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed the control of the original examination date at the latest. It is the provided of assessment: German and/or English oval from examination committee required. I semester Method of grading numerical grade Modul level graduate + R (2) In examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral eation in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentate lake (approx. 30 minutes). In the method of assessment may instead take the of an oral examination was chosen as method of assessment, this may be changed and assessment may instead take the of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed of assessment: German and/or English oval from examination committee required. Physics 1 semester Method of grading numerical grade Modul level graduate + R (1) He mexamination (approx. 90 to 120 minutes) or all examination of one candidate each (approx. 30 minutes) or all examination of one candidate each (approx. 30 minutes) or all examination of one candidate each (approx. 30 minutes) or all examination of one candidate each (approx. 30 minutes) or all examination of one candidate each (approx. 30 minutes) or all examination of one candidate each (approx. 30 minutes) or all examination of one candidate each (approx. 30 minutes) or all examination of one candidate each (approx. 30 minutes) or all examination of one candidate each (appro					
11-EXP8-161-mo1	other prerequisites									
	ECTS		Duration		1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		V (4)	+ R (2)			-		
				amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or prese on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead tal form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is c the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English						
	other p			Approval from examination committee required.						
11-CSFM-161-m01										
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		V (3) ·	+ R (1)					
	Method	d of ass	essment	b) ora c) ora d) pro e) pro If a w form the le Langu	al examination of al examination in a bject report (appro- esentation/talk (a ritten examination of an oral examin ecturer must informage of assessme	one candidate each (approx. 30 minutes) of groups (groups of 2, approx. 30 minutes per ox. 8 to 10 pages) or pprox. 30 minutes) on was chosen as method of assessment, the ation of one candidate each or an oral example students about this by four weeks prior the oran and/or English	er candidate) or nis may be changed and a mination in groups. If the I	method of assessment is changed,		
	other p	rerequi	isites	Appro	oval from examina	tion committee required.				

11-CSNM-161-m01												
	ECTS	6	Duration	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (3) + R (1)		•						
	Method	d of ass		written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other p			<u> </u>	proval from examination committee required.							
11-CSPM-161-m01			ics in Phys									
	ECTS	6	Duration		Method of grading numerical grade	Modul level	graduate					
	Course	S		V (3) + R (1)								
				amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) o on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may insteform of an oral examination of one candidate each or an oral examination in groups. If the method of assessment the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other p	rerequi	isites	Approval from examination committee required.								
Summer Term 2020)											
11-EXN5-161-m01	Current	t Topics	s in Nanost	tructure Technology								
	ECTS	5	Duration	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (2) + R (2)								
	Method	d of ass		amination in groups (gr on/talk (approx. 30 min If a written examination form of an oral examina the lecturer must inform	oprox. 90 to 120 minutes) or oral examination of oups of 2, approx. 30 minutes per candidate) or outes). was chosen as method of assessment, this maution of one candidate each or an oral examination students about this by four weeks prior to the out. German and/or English	r project report (appro y be changed and ass ion in groups. If the m	ox. 8 to 10 pages) or presentati- sessment may instead take the ethod of assessment is changed,					
	other prerequisites			Approval from examina	tion committee required.							

11-EXN6-161-mo1	Current Topics in Nanostructure Technology									
	ECTS	6	Duratio	ı	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		V (3)	+ R (1)	·	•	•		
	Method	d of ass	essment	amin on/ta If a w form the le	ritten examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral ex- mination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentati- n/talk (approx. 30 minutes). a written examination was chosen as method of assessment, this may be changed and assessment may instead take the rm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, re lecturer must inform students about this by four weeks prior to the original examination date at the latest. In groups of assessment: German and/or English					
	other p	rerequi	sites	Appro	oval from examination	on committee required.				
11-EXN7-161-m01	Current	t Topics	in Nanos	tructu	re Technology					
	ECTS 7 Duration			1	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		V (3)	+ R (1)		•			
				amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may in form of an oral examination of one candidate each or an oral examination in groups. If the method of assess the lecturer must inform students about this by four weeks prior to the original examination date at the latest Language of assessment: German and/or English						
	other p	rerequi	sites	Approval from examination committee required.						
11-EXN8-161-mo1	Current	t Topics	in Nanos	tructu	re Technology		'			
	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		V (4)	+ R (2)					
	Method of assessment			written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English						
	other p	rerequi	sites	Appro	oval from examination	on committee required.				

11-EXN6A-161-m01	Current Topics in Nanostructure Technology												
	ECTS	6	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses	5		V (3) -	- R (1)			•	•				
	Method	l of asse	essment	amina	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentati-								
				If a wi form of the le	on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other prerequisites					ion committee requi							
11-EXP6-161-m01	Current	Topics	in Physik	(
	ECTS 6 Duratio)	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses	5		V (3) -	- R (1)	•	•	•	•				
				a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes) If a written examination was chosen as method of assessment, this may be changed and assessment may instead take t form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is characteristic than the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English									
	other p				val from examina	ion committee requi	ed.						
11-EXP6A-161-m01			in Physik		Γ	1	1						
		6	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			V (3) -		 							
	Method	or asse		a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes) If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English									
	other p	rerequis	sites	Appro	val from examina	ion committee requi	ed.						

11-EXP5-161-m01	Curren	t Topics	s in Physil	<			,					
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S	•	V (2)	V (2) + R (2)							
	Method	d of ass	sessment	amin on/ta If a w form the le	ation in groups (grould) alk (approx. 30 minu ritten examination voral examinati of an oral examinati ecturer must inform :	orox. 90 to 120 minutes) or oral examination of one ups of 2, approx. 30 minutes per candidate) or protes. Ites). Ites of a method of assessment, this may be so or	pject report (appro e changed and ass in groups. If the m	x. 8 to 10 pages) or presentati- sessment may instead take the ethod of assessment is changed,				
	other p	rerequi	isites	Appr	oval from examination	on committee required.						
11-EXP7-161-m01	Curren	t Topics	s in Physil	<								
	ECTS 7 Duration			n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				(3) + R (1)							
	Method of assessment			amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other p	rerequi	isites	Approval from examination committee required.								
11-EXP8-161-mo1			s in Physil	<								
	ECTS	8	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (2)							
	Method of assessment			amin on/ta If a w form the le	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English							
	other p	rerequi	isites	Appr	oval from examination	on committee required.						

11-CSFM-161-m01	Advanc	ed Topi	ics in Soli	d Stat	e Physics			,					
	ECTS	6	Duration	1	1 semester	Method of grading n	umerical grade	Modul level	graduate				
	Courses	5		V (3)	+ R (1)			•					
	Method	of ass	essment		a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or								
	e) presentation/talk (approx. 30 minutes)												
				If a w	ritten examination	ı was chosen as method	of assessment, this m	ay be changed and ass	sessment may instead take the				
				form	of an oral examina	ation of one candidate ea	ch or an oral examina	tion in groups. If the m	ethod of assessment is changed,				
				the le	ecturer must inforn	n students about this by f	our weeks prior to the	e original examination o	date at the latest.				
			•-			nt: German and/or Englis	n						
	other p					tion committee required.							
11-CSNM-161-m01		<u>-</u>			ture Technology								
	ECTS	6	Duration		1 semester	Method of grading n	umerical grade	Modul level	graduate				
	Courses				+ R (1)								
	Wethou	01 433	CSSITETI	amin on/ta If a w form the le	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or preson/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead to form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other prerequisites			Appro	Approval from examination committee required.								
11-CSPM-161-m01	Advanc	ed Topi	ics in Phy	sics				,					
	ECTS	6	Duration	1	1 semester	Method of grading n	umerical grade	Modul level	graduate				
	Courses	5		V (3)	+ R (1)			·					
	Method	of ass	essment	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English									
	other p	rerequi	sites	Appro	oval from examina	tion committee required.							

Winter Term 2020												
11-EXN5-161-m01	Current	Topics	in Nanos	tructure Technolog	gy							
	ECTS	5	Duration	1 semester	Method of grading numerical grad	de I	Modul level	graduate				
	Courses	<u> </u>		V (2) + R (2)	(2) + R(2)							
	Method	d of ass	essment	amination in grou on/talk (approx. 3 If a written exami form of an oral ex the lecturer must	ritten examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral exmination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentatin/talk (approx. 30 minutes). a written examination was chosen as method of assessment, this may be changed and assessment may instead take the rm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, we lecturer must inform students about this by four weeks prior to the original examination date at the latest.							
	other prerequisites				amination committee required.							
11-EXN6-161-mo1												
11-EXING-161-IIIO1		_	_	tructure Technolog		M = -ll l = = l	Lauradorata					
		6	Duration		Method of grading numerical grad	de [1	Modul level	graduate				
	Courses			V (3) + R (1)	on (approx. 90 to 120 minutes) or oral exam							
	Method of assessment			amination in grou on/talk (approx. 3 If a written exami form of an oral ex the lecturer must	amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presen on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is chartelecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English							
	other p	rerequi	sites	Approval from examination committee required.								
11-EXN7-161-m01	Current	Topics	in Nanos	tructure Technolog	gy	,						
	ECTS	7	Duration	1 semester	Method of grading numerical grad	de I	Modul level	graduate				
	Courses	<u></u> S		V (3) + R (1)								
	Method	d of ass	essment	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other p	rerequi	sites	Approval from exa	amination committee required.							

11-EXN8-161-mo1	Current	Topics	in Nanos	tructu	re Technology							
	ECTS	8	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (4)	+ R (2)							
	Method	l of asso		amina on/ta If a w form the le	vritten examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest.							
	other p	rerequi	sites	Appro	oval from examination	on committee require	d.					
11-EXN6A-161-m01	Current	Topics			re Technology							
	ECTS	6	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (3)	+ R (1)							
				amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take to form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is chart the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other p			Approval from examination committee required.								
! .	Current Topics in Physik											
		6	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Method of assessment			a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes) If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other p	rerequi	sites	Appro	oval from examination	on committee require	d					

11-EXP6A-161-m01	Current	Topics	in Physik	ζ	,	,							
	ECTS	6	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (3)	+ R (1)								
	Method	of asse	essment			(approx. 90 to 120 mir							
						one candidate each (a _l		11.1.4.					
					c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes)								
							od of assessment, this i	may be changed and ass	sessment may instead take the				
									ethod of assessment is changed,				
								he original examination	date at the latest.				
						nt: German and/or Eng			_				
		rerequis			oval from examina	ition committee require	ed.						
11-EXP5-161-m01			in Physik				_						
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course				+ R (2)								
	Method	7 01 4330	cosment	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may in form of an oral examination of one candidate each or an oral examination in groups. If the method of assess the lecturer must inform students about this by four weeks prior to the original examination date at the lates Language of assessment: German and/or English					essment may instead take the ethod of assessment is changed,				
	other p	rerequis	sites	Approval from examination committee required.									
11-EXP7-161-m01	Current	t Topics	in Physik	(
	ECTS	7	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (3)	+ R (1)								
	Method	l of asse	essment	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English									
	other p	rerequis	sites	Appro	oval from examina	ition committee require	ed.						

11-EXP8-161-mo1	Current Topics in Physik												
	ECTS	8	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (4)	+ R (2)		•						
	Method	d of ass	essment	amina on/ta If a w	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the								
				the le Langu	orm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, ne lecturer must inform students about this by four weeks prior to the original examination date at the latest. In anguage of assessment: German and/or English								
	<u> </u>	rerequi				tion committee required.							
11-CSFM-161-mo1					e Physics								
	ECTS	6	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (3) ·	+ R (1)								
				b) ora c) ora d) pro e) pre If a w form the le Langu	a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes) If a written examination was chosen as method of assessment, this may be changed and assessment may instorm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
11-CSNM-161-m01		rerequi				tion committee required.							
11-C5NM-161-III01	ECTS	6	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Method		essment	Written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English									
	other p	rerequi	sites	Appro	oval from examina	tion committee required.							

11-CSPM-161-m01	Advanc	ed Top	ics in Phys	sics			·							
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate						
	Course	S		V (3) -	V (3) + R (1)									
	Method	l of ass		amina on/ta If a wi form of the le	ation in groups (gr lk (approx. 30 min ritten examination of an oral examina cturer must inform	prox. 90 to 120 minutes) or oral examination of oups of 2, approx. 30 minutes per candidate) or utes). was chosen as method of assessment, this may tion of one candidate each or an oral examination students about this by four weeks prior to the out. German and/or English	project report (appro y be changed and ass on in groups. If the m	essment may instead take the ethod of assessment is changed,						
	other p	rerequi	sites	Appro	oval from examina	tion committee required.		-						
Summer Term 2021	L													
11-EXN5-161-m01	Current	t Topics	in Nanos	tructu	re Technology									
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate						
	Course	S		V (2) ·	+ R (2)	·	·							
	Method of assessment			written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minute amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) o on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English										
	other prerequisites				Approval from examination committee required.									
11-EXN6-161-m01		t Topics	in Nanos	tructu	re Technology									
	ECTS Course	6	Duration	V (3) -	1 semester	Method of grading numerical grade	Modul level	graduate						
			essment	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English										
	other p	rerequi	sites	Appro	oval from examina	tion committee required.								

11-EXN7-161-mo1	Current	Topics	in Nanos	tructu	re Technology					
,		7	Duration		1 semester	Method of grading numerical grade	Modul level	graduate		
	Courses	5		V (3)	+ R (1)		,	1 -		
	Method	of ass	essment	amin on/ta If a w form the le	ation in groups (grou alk (approx. 30 minu ritten examination v of an oral examinati ecturer must inform s	rox. 90 to 120 minutes) or oral examination of one oups of 2, approx. 30 minutes per candidate) or projectes). It was chosen as method of assessment, this may be one on of one candidate each or an oral examination in students about this by four weeks prior to the origin: German and/or English	ect report (appro changed and ass groups. If the m	x. 8 to 10 pages) or presentati- sessment may instead take the ethod of assessment is changed,		
	other p	rerequi	sites	Appr	oval from examination	on committee required.				
11-EXN8-161-mo1	Current	Topics	in Nanos	tructu	re Technology		"			
	ECTS	8	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate		
	Courses	5		V (4)	+ R (2)	·				
				on/ta If a w form the le	amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or preson/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead to form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English					
	other p	rerequi	sites	Approval from examination committee required.						
11-EXN6A-161-m01	Current	Topics	in Nanos	tructu	re Technology					
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate		
	Courses	5		V (3) + R (1)						
	Method of assessment			written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English						
	other p	rerequi	sites	Appr	oval from examination	on committee required.				

11-EXP6-161-m01	Current	t Topics	in Physik	('							
	ECTS	6	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (3)	(3) + R (1)								
	Method	d of ass				approx. 90 to 120 mir							
					o) oral examination of one candidate each (approx. 30 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes)								
				c) ora									
				e) pre									
									sessment may instead take the				
								lation in groups. If the m he original examination (ethod of assessment is changed,				
						t: German and/or Eng		ne ongmai examination (uate at the latest.				
	other p	rerequi	sites			ion committee requir	•						
11-EXP6A-161-m01			in Physik				<u> </u>	,					
	ECTS 6 Duratio				1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S	,	V (3)	+ R (1)	•		·					
	Method	d of ass	essment	a) wri	a) written examination (approx. 90 to 120 minutes) or								
					b) oral examination of one candidate each (approx. 30 minutes) or								
				c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or									
				e) presentation/talk (approx. 30 minutes)									
				If a w	If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other p	rerequi	sites	Approval from examination committee required.									
11-EXP5-161-m01			in Physik										
_	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S	,	V (2)	+ R (2)	'	•	·	•				
	Method	d of ass	essment						approx. 30 minutes) or oral ex-				
							minutes per candidate)) or project report (appro	x. 8 to 10 pages) or presentati-				
				on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the									
			form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,										
				the lecturer must inform students about this by four weeks prior to the original examination date at the latest.									
					Language of assessment: German and/or English								
	other p	rerequi	sites	Appro	oval from examinat	ion committee requir	ed.						

11-EXP7-161-m01	Current Topics in Physik												
	ECTS	7	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (3) ·	V (3) + R (1)								
	Method	d of ass	essment	amina on/ta If a w form of the le	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest.								
	othorn	rorogui	icitos			nt: German and/or English							
11-EXP8-161-mo1	other prerequisites												
	ECTS		Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (4)	+ R (2)			-					
				written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English									
	other p			Approval from examination committee required.									
11-CSFM-161-m01	Advanc	ed Top	ics in Soli	d State	e Physics								
	ECTS	6	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (3) ·	+ R (1)								
	Method of assessment			a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes) If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English									
	other p	rerequi	isites	Appro	oval from examina	tion committee required.							

11-CSNM-161-m01	Advanc	ed Topi	ics in Nan	ostruc	ture Technology								
	ECTS	6	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S	•	V (3) + R (1)									
	Method	d of ass	essment	amina on/ta If a wi form o the le	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest. Language of assessment: German and/or English								
	other p	rerequi	sites	Appro	Approval from examination committee required.								
11-CSPM-161-mo1	Advanc	ed Topi	ics in Phy	sics									
	ECTS	6	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (3) -	+ R (1)								
	Method of assessment				ation in groups (grou lk (approx. 30 minut itten examination w of an oral examinatio	ps of 2, approx. 30 nes). as chosen as methoon of one candidate etudents about this b	y four weeks prior to the origina	et report (approxi nanged and ass roups. If the me	essment may instead take the ethod of assessment is changed,				
	other p	rerequi	sites	Appro	val from examinatio	n committee require	d.						