

Annex SFB

Studienfachbeschreibung (subject description, SFB) for Module studies (Bachelor) **Quantum Technology**

Responsible: Faculty of Physics and Astronomy

Examination regulations version: 2021

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)

modules in this SFB: ditable for bonus.

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-

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

Quantum Technology (2021)	JMU Würzburg • generated 19-Apr-2025 • exam. reg. data record MB k29 - - H 2021	page 2 / 27

ECTS		Duration	(in semesters)	Method of grading		Module level				
Courses	Courses		To be specified in the form X (y) with course type X abbreviated as specified above and number of wee							
Method of	assessm	ent								
Only after s		ıl if applic	able							
Other prere	equisites	if applic	applicable							
Participant on of place		ocati- if applic	able							
Additional	informat	ion if applic	able	-						
Referred to	in LPO I	if applic	able (examination re	gulations for teaching	g-degree programmes)					

Winter Term 2021											
11-BXP8-152-m01	Curren	t Topics	in Physic	:s							
	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course	25		V (4) -	V(4) + R(2)						
	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	val from examina	tion committee required.	'				
11-BXP6-152-m01	Curren	t Topics	in Physic	S							
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course	:S	•	V (3) -	(3) + R (1)						
	Method of assessment			amina on/ta If a wi form o the le Langu	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or present on/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 charthe 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						
	<u> </u>	rerequi		Approval from examination committee required.							
11-BXP5-152-m01		t Topics	Physics		-						
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course		_	V (2) -							
	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	Appro	val from examina	tion committee required.					

11-BXN5-212-m01	Current	Topics	in Quant	um Ted	hnology		'				
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Courses	S		V (2) -	+ R (2)						
	Method	of ass	essment			(approx. 90 to 120 minutes) or					
				b) ora	l examination of o	ne candidate each (approx. 30 minutes) or	• • • •				
					c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) report on practical course (approx. 8 to 10 pages) or						
					e) presentation/talk (approx. 30 minutes)						
				If a wi	f a written examination was chosen as method of assessment, this may be changed and assessment may instead take the						
						tion of one candidate each or an oral examination					
						n students about this by four weeks prior to the o nt: German and/or English	original examination	date at the latest.			
-	۸ ططنهن	nal Info	rmation			tion committee required.					
				<u> </u>		tion committee requirea.					
!		6	in Quanto Duration		1 semester	Mothod of grading numerical grade	Modul level	undergraduate			
ļ.	Courses					Method of grading numerical grade	Modul level	undergraduate			
l					('(3) + R'(1)						
	Method	or asso	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) rep	d) report on practical course (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							
	Additio	nal Info	rmation	Approval from examination committee required.							
11-BXN8-212-m01	Current	Topics	in Quant	um Ted	chnology		,				
	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Courses	S		V (4) + R (2)							
	Method	of ass	essment			pprox. 90 to 120 minutes) or oral examination of					
						oups of 2, 30 minutes per candidate) or report or	n practical course (ap	oprox. 8 to 10 pages) or presenta-			
				tion/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 lates								
				Language of assessment: German and/or English							
į – I	Additional Information			Approval from examination committee required.							

11-CSEM6-152-m01	Selecte	Selected Topics in Energy and Material Science												
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	<u> </u>	Ų	V (3)	+ R (1)		•	-						
	Method	d of ass	essment	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. anguage of assessment: German and/or English									
	other p	rerequi	sites	Appro	oval from examinati	on committee required.								
11-CSF6-152-m01	Selecte	ed Topio	s in Solid	State	Physics									
	ECTS 6 Duration			า	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	S		V (3)	+ R (1)		*	•						
				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 pron/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 it he 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-CSN6-212-m01	Selecte	ed Topi	s in Quar	tum T	echnology									
	ECTS	6	Duratio	1	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	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, 30 minutes per candidate) or report on practical course (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										
	Additio	nal Info	rmation	Appr	oval from examinati	on committee required.								

Summer Term 2022	2										
11-BXP8-152-m01	Curren	t Topics	in Physic	:s							
	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course	25		V (4)	+ R (2)		·				
	Method	d of ass	essment	amina 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	sites	Appro	oval from examina	ition committee required.	,				
11-BXP6-152-m01	Curren	t Topics	in Physic	:s							
	ECTS	6	Duration	n	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course	:S	-	V (3)	(3) + R(1)						
	Method of assessment			amina on/ta If a w form the le Langu	written examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral 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 chare 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-BXP5-152-m01		t Topics	Physics								
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course			` ′	+ R (2)						
	Method	d of ass	essment	amina 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	sites	Appro	oval from examina	tion committee required.					

11-BXN5-212-m01	Current Topics in Quantum Technology											
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S	·	V (2)	+ R (2)	· ·						
	Method	of ass				(approx. 90 to 120 minutes) or						
						ne candidate each (approx. 30 minutes) or						
						roups (groups of 2, approx. 30 minutes per urse (approx. 8 to 10 pages) or	candidate) or					
					esentation/talk (ap							
						was chosen as method of assessment, this	s may be changed and as	sessment may instead take the				
						tion of one candidate each or an oral exam						
						students about this by four weeks prior to	the original examination	date at the latest.				
	م المائدا م					it: German and/or English						
DVMC				<u> </u>		ion committee required.						
11-BXN6-212-m01			in Quanti			No all and a Councillant and a council and a	[AA . . .	Lundania duata				
		6	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course				+ R (1)							
	Method	d of ass	essment	a) Wr	itten examination ((approx. 90 to 120 minutes) or ne candidate each (approx. 30 minutes) or						
				c) oral examination in groups (groups of 2, approx. 30 minutes) or								
						urse (approx. 8 to 10 pages) or						
					esentation/talk (ap							
				If a w	ritten examination	was chosen as method of assessment, this tion of one candidate each or an oral exam	s may be changed and as:	sessment may instead take the				
						i students about this by four weeks prior to						
				Language of assessment: German and/or English								
	Additio	nal Info	rmation	Appro	oval from examinat	ion committee required.						
11-BXN8-212-m01	Current	Topics	in Quanti	ım Te	chnology							
	ECTS	8	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (4)	+ R (2)	·	·					
	Method	of ass				prox. 90 to 120 minutes) or oral examination						
						oups of 2, 30 minutes per candidate) or rep	ort on practical course (a	pprox. 8 to 10 pages) or presenta-				
					talk (approx. 30 mi	nutes). was chosen as method of assessment, this	s may be changed and ass	sossment may instead take the				
				form	of an oral examina	tion of one candidate each or an oral exami	ination in groups. If the m	sethod 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								
	Additio	Additional Information			oval from examinat	ion committee required.						

11-CSEM6-152-m01	Selecte	Selected Topics in Energy and Material Science												
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	<u> </u>	Ų	V (3)	+ R (1)		•	-						
	Method	d of ass	essment	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. anguage of assessment: German and/or English									
	other p	rerequi	sites	Appro	oval from examinati	on committee required.								
11-CSF6-152-m01	Selecte	ed Topio	s in Solid	State	Physics									
	ECTS 6 Duration			า	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	S		V (3)	+ R (1)		*	•						
				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 pron/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 it he 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-CSN6-212-m01	Selecte	ed Topi	s in Quar	tum T	echnology									
	ECTS	6	Duratio	1	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	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, 30 minutes per candidate) or report on practical course (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										
	Additio	nal Info	rmation	Appr	oval from examinati	on committee required.								

Winter Term 2022											
11-BXP8-152-m01	Curren	t Topics	in Physic	cs							
	ECTS	8	Duration	n	1 semester	Method of grading numerical grade	Mod	dul level	undergraduate		
	Course	:S		V (4)	(4) + R(2)						
	Method	d of ass	essment	amina 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. If an anguage of assessment: German and/or English						
	other p	rerequi	sites	Appro	oval from examina	ition committee required.	,				
11-BXP6-152-m01	Curren	t Topics	in Physic	cs			<u> </u>				
	ECTS	6	Duration	n	1 semester	Method of grading numerical grade	Mod	dul level	undergraduate		
	Course	:S	-	V (3)	(3) + R(1)						
	Method of assessment			amina 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 amination in groups (groups of 2, approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages) or presenta on/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 charthe 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-BXP5-152-m01		t Topics	Physics								
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Mod	dul level	undergraduate		
	Course			<u> </u>	+ R (2)						
	Method	d of ass	essment	amina 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	sites	Appro	oval from examina	tion committee required.					

11-BXN5-212-m01	Current Topics in Quantum Technology												
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses	5		V (2) +	+ R (2)	`		·					
	Method	of ass				(approx. 90 to 120 mi							
					b) oral examination of one candidate each (approx. 30 minutes) or								
				c) ora	c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) report on practical course (approx. 8 to 10 pages) or								
					e) presentation/talk (approx. 30 minutes)								
				If a wr	f a written examination was chosen as method of assessment, this may be changed and assessment may instead take the								
								nation in groups. If the m he original examination	ethod of assessment is changed,				
						ıt: German and/or Enş		ne original examination	uate at the latest.				
	Additio	nal Info				ion committee requir	•						
11-BXN6-212-m01			in Quanti										
	ECTS	6	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	5		V (3) +	+ R (1)			•					
	Method	l 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) report on practical course (approx. 8 to 10 pages) or								
				e) presentation/talk (approx. 30 minutes)									
									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									
	Additio	nal Info	rmation	Approval from examination committee required.									
11-BXN8-212-m01	Current	Topics	in Quanti	um Tec	chnology	•		'					
	ECTS	8	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses	5		V (4) +	+ R (2)	•		,					
	Method	l of ass							(approx. 30 minutes) or oral ex-				
				amina	ation in groups (gro	oups of 2, 30 minutes	per candidate) or repo	ort on practical course (ap	oprox. 8 to 10 pages) or presenta-				
				tion/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.									
	۸ ما داند:			Language of assessment: German and/or English Approval from examination committee required.									
	Additio	nai info	rmation	Appro	vai from examinat	ion committee requir	ea. 						

11-CSEM6-152-m01	Selecte	Selected Topics in Energy and Material Science												
_	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	S	•	V (3)	+ R (1)	·	·							
	Method	d of ass	essment	amin on/ta If a w form the le	ation in groups (galk (approx. 30 m written examination of an oral examir ecturer must infol	approx. 90 to 120 minutes) or oral examination of or groups of 2, approx. 30 minutes per candidate) or inutes). On was chosen as method of assessment, this may nation of one candidate each or an oral examination of one candidate each or an oral examination of one candidate each or an oral examination students about this by four weeks prior to the opent: German and/or English	project report (approrbe changed and asson in groups. If the m	sessment may instead take the ethod of assessment is changed,						
	other p	rerequi	sites	Appr	oval from examin	ation committee required.								
11-CSF6-152-m01	Selecte	d Topic	cs in Solid	State	Physics		,							
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	S		V (3)	+ R (1)	·								
				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) of con/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-CSN6-212-m01	Selecte	ed Topic	cs in Quan	tum 1	Technology									
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	S		V (3) + R (1)										
	Method	d of ass	essment	amin tion/ 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, 30 minutes per candidate) or report on practical course (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									
	Additio	nal Info	ormation	Approval from examination committee required.										

Summer Term 2023	3									
11-BXN5-212-m01	Curren	t Topics	in Quant	um Te	chnology					
	ECTS	5	Duration	ı	1 semester	Method of grad	ling numerical grad	е	Modul level	undergraduate
	Course	S		V (2)	+ R (2)	•	•		•	,
			essment	a) Wr b) ora c) ora d) rep e) pre If a w form	Written examination (approx. 90 to 120 minutes) or or or or or or candidate each (approx. 30 minutes) or					
	A 1 150			Lang	uage of assessmer	nt: German and/or	English	or to the origina	al examination	date at the latest.
B.VII.					oval from examina	tion committee red	quired.			
11-BXN6-212-m01			in Quant			1			T	
	ECTS	6	Duration		1 semester	Method of grad	ling numerical grad	е	Modul level	undergraduate
	Course				+ 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) report on practical course (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 form of an oral examination of one candidate each or an oral examination in groups. If the lecturer must inform students about this by four weeks prior to the original examination Language of assessment: German and/or English				nanged and as groups. If the m	nethod of assessment is changed,	
	Additio	nal Info	rmation	Appro	oval from examina	tion committee red	quired.			
11-BXN8-212-m01			in Quant	um Te	chnology					
	ECTS	8	Duration		1 semester	Method of grad	ling numerical grad	е	Modul level	undergraduate
	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, 30 minutes per candidate) or report on practical course (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						
	Additio	nal Info	rmation	Appro	oval from examina	tion committee red	quired.			

11-BXP5-152-m01	Current	Topics	Physics									
		5	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses	S		V (2)	+ R (2)		•	•				
	Method	l of ass	essment	amin on/ta If a w form the le	ation in groups (grou llk (approx. 30 minu ritten examination w 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 consorous on of one candidate each or an oral examination in students about this by four weeks prior to the origines of the contraction of the original contraction.	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	Appro	oval from examination	on committee required.						
11-BXP6-152-m01	Current	Topics	in Physic	:s			'					
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses	S		V (3)	(3) + R (1)							
				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 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 change 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-BXP8-152-mo1		Topics	in Physic	S								
	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses			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-CSN6-212-m01	Selecte	d Topics in	n Quant	um Technology		1						
Ī	ECTS	6 D	uration	1 semester	Method of grading numerical grade	Modul level	undergraduate					
Ī	Courses	5	,	V (3) + R (1)								
	Method	of assess	1	amination in groups (g tion/talk (approx. 30 n If a written examinatio form of an oral examin the lecturer must infor	Aritten examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral exmination in groups (groups of 2, 30 minutes per candidate) or report on practical course (approx. 8 to 10 pages) or presentation/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							
Ī	Addition	nal Informa	ation	Approval from examina	ation committee required.							
11-CSEM6-152-m01	Selecte	d Topics ir	n Energy	y and Material Science	1	,						
	ECTS	6 D	uration	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses	5		V (3) + R (1)		•						
			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								
	<u>-</u> _	rerequisite		Approval from examination committee required.								
- <u>L</u>				State Physics								
			uration		Method of grading numerical grade	Modul level	undergraduate					
L	Courses			V (3) + R (1)								
			1	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 pr	rerequisite	es	Approval from examination committee required.								

Winter Term 2023												
11-BXP8-152-m01	Current	Topic	s in Physic	:s								
	ECTS	8	Duration	n	1 semester	Method of grad	ing numerical grad	e	Modul level	undergraduate		
	Courses	5	<u> </u>	V (4) +	/ (4) + R (2)							
	Method	l of ass	sessment	amination/tall If a wri form of the lec	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	rerequ	isites	Approv	val from examin	ation committee rec	uired.		,			
11-BXP6-152-m01	Current	irrent Topics in Physics										
_	ECTS 6 Duration			n	1 semester	Method of grad	ing numerical grad	e	Modul level	undergraduate		
	Courses	<u> </u>		V (3) +	R (1)		·		•			
	Method	of ass	sessment	amination/tall If a wri form o the lec	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-BXP5-152-m01		Topic	s Physics							_		
	ECTS	5	Duration		1 semester	Method of grad	ing numerical grad	e	Modul level	undergraduate		
	Courses			V (2) +	• • • • • • • • • • • • • • • • • • • •							
	Method	l of ass	sessment	amination/tall If a wri form of the lec	tion in groups (g k (approx. 30 mi tten examinatio f an oral examin turer must infor	rroups of 2, approx. nutes). n was chosen as mo ation of one candid	30 minutes per cand ethod of assessment ate each or an oral e his by four weeks price	lidate) or proje , this may be c xamination in	ect report (appro hanged and ass groups. If the m	approx. 30 minutes) or oral ex- x. 8 to 10 pages) or presentati- sessment may instead take the ethod of assessment is changed, date at the latest.		
	other p	rerequ	isites	Approv	val from examin	ation committee rec	uired.					

11-BXN5-212-m01	Current	Topics	in Quant	um Ted	hnology		'						
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses	S		V (2) -	+ R (2)								
	Method	of ass	essment	a) Written examination (approx. 90 to 120 minutes) or									
				b) ora	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) report on practical course (approx. 8 to 10 pages) or								
					e) presentation/talk (approx. 30 minutes)								
				If a wi	ritten examination	was chosen as method of assessment, this may							
						tion of one candidate each or an oral examination							
						n students about this by four weeks prior to the o nt: German and/or English	original examination	date at the latest.					
-	۸ ططنهن	nal Info	rmation			tion committee required.							
!		6	in Quanto Duration		1 semester	Mothod of grading numerical grade	Modul level	undergraduate					
ļ.	Courses			V (3) -		Method of grading numerical grade	Modul level	undergraduate					
l						(
	Method	or asso	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) or									
				d) report on practical course (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									
	Additio	nal Info	rmation	Approval from examination committee required.									
11-BXN8-212-m01	Current	Topics	in Quant	um Ted	chnology		,						
	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses	S		V (4) + R (2)									
	Method	of ass	essment			pprox. 90 to 120 minutes) or oral examination of							
						oups of 2, 30 minutes per candidate) or report or	n practical course (ap	oprox. 8 to 10 pages) or presenta-					
				tion/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									
į – I	A 1 1	11.0	rmation	Approval from examination committee required.									

11-CSN6-212-m01	Selecte	d Topic	s in Quar	tum T	echnology							
	ECTS	6	Duratio	1	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (3)	+ R (1)		,					
	Method	d of ass	essment	amin tion/ 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, 30 minutes per candidate) or report on practical course (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							
	Additio	nal Info	rmation	Appro	oval from examination	on committee required.						
11-CSEM6-152-m01	Selecte	d Topic	s in Energ	gy and	Material Science							
	ECTS	6	Duratio	1	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (3)	(3) + R (1)							
				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 present on/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 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 prerequisites			Approval from examination committee required.								
11-CSF6-152-m01	Selecte	d Topic	s in Solid	State	Physics							
	ECTS	6	Duratio		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course			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	Appr	oval from examination	on committee required.						

Summer Term 202	4											
11-BXP8-152-mo1	Current	Topic	s in Physic	:s								
	ECTS	8	Duration	n [1 semester	Method of gra	ading numerical grad	le	Modul level	undergraduate		
	Courses	S		V (4) +	V (4) + R (2)							
	Method	l of ass	sessment	amina on/tal If a wr form o the led	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, 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	rerequ	isites	Appro	val from examin	ation committee re	equired.					
11-BXP6-152-m01	Current	urrent Topics in Physics										
	ECTS	6	Duration	n	1 semester	Method of gra	ading numerical grad	le	Modul level	undergraduate		
	Courses	S		V (3) +	- R (1)		•		•	•		
	Method	i of ass	sessment	amina on/tal If a wr form o the led Langu	tion in groups (g k (approx. 30 m itten examinatio of an oral examin cturer must infor age of assessma	approx. 30 minutes) or oral ex- x. 8 to 10 pages) or presentati- sessment may instead take the ethod of assessment is changed, date at the latest.						
	other p	-		Approval from examination committee required.								
11-BXP5-152-m01			s Physics									
	ECTS	5	Duration		1 semester	Method of gra	ading numerical grad	le	Modul level	undergraduate		
	Courses			V (2) +	• • •							
	Method	l of ass	sessment	amina on/tal If a wr form o the led	tion in groups (g k (approx. 30 m itten examinatio of an oral examin cturer must infor	groups of 2, appro- inutes). on was chosen as r nation of one cand	x. 30 minutes per can nethod of assessmen idate each or an oral e this by four weeks pri	didate) or proje t, this may be c examination in	ect report (appro changed and ass groups. If the m	(approx. 30 minutes) or oral ex- ix. 8 to 10 pages) or presentati- sessment may instead take the ethod of assessment is changed, date at the latest.		
	other p	rerequ	isites	Appro	val from examin	ation committee re	equired.					

11-BXN5-212-m01	Current Topics in Quantum Technology												
	ECTS	5	Duration	1	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate				
	Course	S	,	V (2)	(2) + R(2)								
	Method	d 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) report on practical course (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 examina	tion of one candidat	e each or an oral examir	nation in groups. If the m	ethod of assessment is changed,				
								he original examination	date at the latest.				
	۸ ما ما ند: م					t: German and/or Er							
DVNC				Approval from examination committee required.									
11-BXN6-212-m01			in Quant		· · · · · · · · · · · · · · · · · · ·	Mathad of 200 div	- I was a si a al awa da	Madullanal	Lundameraduata				
		6	Duration		1 semester	Method of gradin	g numerical grade	Modul level	undergraduate				
	Course				+ R (1)	,	•						
	Method	d of ass	essment	a) Wr) Written examination (approx. 90 to 120 minutes) or) oral examination of one candidate each (approx. 30 minutes) or								
				c) oral examination in groups (groups of 2, approx. 30 minutes) or									
				d) report on practical course (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									
				If a w	ritten examination	was chosen as meth	od of assessment, this	may be changed and ass	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									
	Additio	nal Info	rmation	Approval from examination committee required.									
11-BXN8-212-m01	Current	t Topics	in Quant	um Te	chnology								
	ECTS	8	Duration	1	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate				
	Course	S		V (4)	+ R (2)								
	Method	d of ass	essment						(approx. 30 minutes) or oral ex-				
				amin	ation in groups (gro	oups of 2, 30 minute	s per candidate) or repo	ort on practical course (a _l	pprox. 8 to 10 pages) or presenta-				
				tion/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.									
					anguage of assessment: German and/or English								
	Additio	nal Info	rmation	Appro	oval from examinat	ion committee requi	red.						

11-CSN6-212-m01	Selecte	d Topics in	n Quant	um Technology		1						
Ī	ECTS	6 D	uration	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses	5	,	V (3) + R (1)								
	Method	of assess	1	amination in groups (g tion/talk (approx. 30 n If a written examinatio form of an oral examin the lecturer must infor	Aritten examination (approx. 90 to 120 minutes) or oral examination of one candidate each (approx. 30 minutes) or oral exmination in groups (groups of 2, 30 minutes per candidate) or report on practical course (approx. 8 to 10 pages) or presentation/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							
Ī	Addition	nal Informa	ation	Approval from examina	ation committee required.							
11-CSEM6-152-m01	Selecte	d Topics ir	n Energy	y and Material Science	1	,						
	ECTS	6 D	uration	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses	5		V (3) + R (1)		•						
			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								
	<u>-</u> _	rerequisite		Approval from examination committee required.								
- <u>L</u>				State Physics								
			uration		Method of grading numerical grade	Modul level	undergraduate					
L	Courses			V (3) + R (1)								
			1	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 pr	rerequisite	es	Approval from examination committee required.								

Winter Term 2024												
11-BXP8-152-m01	Curren	t Topics	in Physic	cs								
	ECTS	8	Duration	n	1 semester	Method of grading numerical grade		Modul level	undergraduate			
	Course	25		V (4)	V (4) + R (2)							
	Method	d of ass	essment	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 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 examina	ition committee required.						
11-BXP6-152-m01	Curren	t Topics	in Physic	cs								
	ECTS	6	Duration	n	1 semester	Method of grading numerical grade		Modul level	undergraduate			
	Course	:S	-	V (3)	(3) + R (1)							
	Method of assessment			amina on/ta If a w form the le Lange	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-BXP5-152-m01		t Topics	Physics									
	ECTS	5	Duration		1 semester	Method of grading numerical grade		Modul level	undergraduate			
	Course			<u> </u>	V (2) + R (2)							
	Method	d of ass	essment	amina 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	sites	Appro	oval from examina	tion committee required.	_	_				

11-BXN5-212-m01	Curren	t Topics	in Quant	um Te	chnology								
	ECTS	5	Duration	ı	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Course	S		V (2)	+ R (2)	·							
	Method	d 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) report on practical course (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes)								
				If a w	ritten examination	was chosen as method of assessment, this may l							
						ation of one candidate each or an oral examination							
						n students about this by four weeks prior to the or	iginal examination	date at the latest.					
	۸ ما ما:۵:			_		nt: German and/or English							
DVMC		nal Information Approval from examination committee required. t Topics in Quantum Technology											
11-BXN6-212-m01						Make a dief awa die a leura sei aal awa da	Madullaval	Lundanese du ete					
		6	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Course				((3) + R(1)								
	Method	d of ass	essment	a) Wr	n) 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) or									
				d) report on practical course (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								
	Additio	nal Info	ormation	Approval from examination committee required.									
11-BXN8-212-m01	Curren	t Topics	in Quant	um Te	chnology	·	,						
	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Course	S		V (4) + R (2)									
	Metho	d of ass	essment	Writte	en examination (a	pprox. 90 to 120 minutes) or oral examination of o	ne candidate each	(approx. 30 minutes) or oral ex-					
						roups of 2, 30 minutes per candidate) or report on	practical course (a)	oprox. 8 to 10 pages) or presenta-					
				tion/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									
	Additio	nal Info	ormation	Approval from examination committee required.									

11-CSEM6-152-m01	Selecte	Selected Topics in Energy and Material Science												
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	<u> </u>	Ų	V (3)	+ R (1)		•	-						
	Method	d of ass	essment	amin on/ta If a w form the le	ation in groups (gro alk (approx. 30 minu ritten examination v 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 projutes). Ites). Ites of candidate of assessment, this may be ion of one candidate each or an oral examination ir students about this by four weeks prior to the origination and/or English	ect report (appro changed and ass 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.								
11-CSF6-152-m01	Selecte	ed Topio	s in Solid	State	Physics									
	ECTS 6 Duration			า	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	S		V (3)	+ R (1)		*	•						
				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 preser on/talk (approx. 30 minutes). If a written examination was chosen as method of assessment, this may be changed and assessment may instead tak form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is ch 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-CSN6-212-m01	Selecte	ed Topi	s in Quar	tum T	echnology									
	ECTS	6	Duratio	1	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course	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, 30 minutes per candidate) or report on practical course (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										
	Additio	nal Info	rmation	Appr	oval from examinati	on committee required.								

Summer Term 2025	5											
11-BXP8-152-m01	Current	Topics	s in Physic	:s								
	ECTS	8	Duration	1 1	semester	Method of grad	ling numerical grad	е	Modul level	undergraduate		
	Courses	S		V (4) + F	V (4) + R (2)							
	Method	l of ass	sessment	aminati on/talk If a writt form of the lect	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. In an analysis of assessment: German and/or English							
	other pi	rerequ	isites	Approva	al from examina	ation committee rec	quired.					
11-BXP6-152-m01	Current	Topics	s in Physic	:s								
	ECTS	6	Duration	1 1	semester	Method of grad	ling numerical grad	е	Modul level	undergraduate		
	Courses	<u> </u>		V (3) + F	R (1)		•		•			
	Method	of ass	sessment	aminati on/talk If a writt form of the lect Langua	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-BXP5-152-mo1			s Physics						,	1		
		5	Duration		semester	Method of grad	ling numerical grad	е	Modul level	undergraduate		
	Courses			V (2) + F	• • •							
	Method	l of ass	sessment	aminati on/talk If a writt form of the lect	on in groups (g (approx. 30 mi ten examinatio an oral examin urer must infor	roups of 2, approx. nutes). n was chosen as mo ation of one candid	30 minutes per cand ethod of assessment late each or an oral e nis by four weeks price	didate) or proje t, this may be c examination in	ct report (appro hanged and ass groups. If the m	approx. 30 minutes) or oral ex- x. 8 to 10 pages) or presentati- sessment may instead take the ethod of assessment is changed, date at the latest.		
	other p	rerequ	isites	Approva	al from examina	ation committee rec	quired.					

11-BXN5-212-m01	Current Topics in Quantum Technology												
	ECTS 5 Duration			า	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate				
	Course	S		V (2) + R (2)									
	Method	d 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) report on practical course (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.									
	Additional Information			Language of assessment: German and/or English									
DVAIC	Additional Information Approval from examination committee required. Current Topics in Quantum Technology												
11-BXN6-212-m01					1	Mathadatanadia		Madullanal	Lundanana du ata				
		6	Duration		1 semester	Method of gradin	g numerical grade	Modul level	undergraduate				
	Course				+ R (1)	,	•		_				
	Method	d 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 of one candidate each (approx. 30 minutes) of									
				d) report on practical course (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									
	Additio	nal Info	ormation			ion committee requi		,					
11-BXN8-212-m01													
	ECTS	8	Duration	1	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate				
	Course	S		V (4)	+ R (2)	•		,					
	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, 30 minutes per candidate) or report on practical course (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									
	Additio	nal Info	ormation	Approval from examination committee required.									

11-CSEM6-152-m01	Selected Topics in Energy and Material Science											
_	ECTS 6 Duration		1	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	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) 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	Approval from examination committee required.								
11-CSF6-152-m01	Selected Topics in Solid State Physics											
	ECTS 6 Duratio		า	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	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	rerequi	isites	Approval from examination committee required.								
11-CSN6-212-m01	Selected Topics in Quantum Technology											
	ECTS 6 Duratio			1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses			V (3) + R (1)								
				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, 30 minutes per candidate) or report on practical course (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								
	Additional Information			Approval from examination committee required.								