

Annex SFB

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

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)

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)
06-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:

Abbreviation	Module title		
Physics (2019)		JMU Würzburg • generated 19-Apr-2025 • exam. reg. data record MM 128 - - H 2019	page 2 / 64

E	ECTS		Duration	n	(in semesters)	Method of grading		Module level	
(Courses		To	o be spe	cified in the form X	(y) with course type X	abbreviated as specified abo	ve and number of we	ekly contact hours y
Λ	Method of as	ssessm	ent	_					
	Only after su completion o		ıl if	fapplical	ole				
(Other prereq	uisites	if	fapplical	ole				
	Participants on of places		ocati- if	fapplical	ole				
F	Additional in	format	ion if	applical	ole				
F	Referred to in	n LPO I	if	applical	ole (examination re	gulations for teaching	g-degree programmes)	_	

Summer Term 2019)								
11-EXE5-161-mo1	Current Topics in Exper	imental Physics							
	ECTS 5 Duration	,	Method of grading numerical grade	Modul level	graduate				
	Courses	V (2) + R (2)							
	Method of assessment	c) oral examination in g d) project report (approx e) presentation/talk (ap If a written examination form of an oral examina the lecturer must inform	o) 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) Fa 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 prerequisites		tion committee required.						
11-EXE6-161-m01	Current Topics in Expe	<u> </u>							
	ECTS 6 Duration		Method of grading numerical grade	Modul level	graduate				
	Courses	V (3) + R (1) a) written examination (3) + R (1)						
		c) oral examination in g d) project report (approx e) presentation/talk (ap If a written examination form of an oral examina the lecturer must inform Language of assessmen	prox. 30 minutes) 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 control of	be changed and asson in groups. If the m	ethod of assessment is changed,				
	other prerequisites	Approval from examinat	tion committee required.						
11-EXE7-161-mo1	Current Topics in Exper				<u>, , , </u>				
	ECTS 7 Duration		Method of grading numerical grade	Modul level	graduate				
	Method of assessment	b) oral examination of o c) oral examination in g d) project report (approx e) presentation/talk (ap If a written examination form of an oral examina the lecturer must inform Language of assessmen	prox. 30 minutes) 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 control of	be changed and asson in groups. If the m	ethod of assessment is changed,				
	other prerequisites	Approval from examinat	tion committee required.						

11-EXE8-161-mo1	Current	Topics	in Experi	menta	l Physics							
	ECTS	8	Duration)	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	;		V (4)	+ R (2)	·	•					
	Method	of asse	essment	a) wri	a) written examination (approx. 90 to 120 minutes) or							
				b) ora	l examination of on	e candidate each (approx. 30 minutes) or						
				c) ora	l examination in gro	oups (groups of 2, approx. 30 minutes per candidat	e) or					
				a) pro) 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	form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,							
				the le	cturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.				
						: German and/or English						
	other pr			<u> </u>		on committee required.						
11-EXE6A-161-mo1			in Experi				1					
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses				+ 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							
					i exammation in gic oject report (approx.		.e) oi					
				e) pre	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 pr	erequis	sites	Approval from examination committee required.								
11-EXP6-161-m01	Current Topics in Physik											
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses				+ R (1)							
	Method	of asse				pprox. 90 to 120 minutes) or						
						e candidate each (approx. 30 minutes) or)					
					i examination in gro oject report (approx.	oups (groups of 2, approx. 30 minutes per candidat	e) or					
					sentation/talk (app							
				If a w	ritten examination v	vas chosen as method of assessment, this may be						
				form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment								
						students about this by four weeks prior to the origin	nal examination	date at the latest.				
	- 4 la - 11 · · · ·					: German and/or English						
	other pr	erequis	sites	Appro	vai irom examinatio	on committee required.	-					

11-EXP6A-161-m01	Current	t Topics	s in Physil	(
	ECTS	6	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (3)	+ R (1)	·	•				
	Method	of ass	essment	a) wr	a) written examination (approx. 90 to 120 minutes) or						
						e candidate each (approx. 30 minutes) or					
				c) ora	al examination in gro	oups (groups of 2, approx. 30 minutes per candidat	e) or				
				a) pro) 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 le	the lecturer must inform students about this by four weeks prior to the original examination date at the latest.						
						German and/or English					
	other p					on committee required.	-				
11-EXT5-161-m01			of Theore		T .	1					
		5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course				+ R (2)						
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or							
					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						
					oject report (approx.		e) 01				
				e) pre	esentation/talk (app	rox. 30 minutes)					
				If a w	f 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	reregui	isites			on committee required.		-			
11-EXT6-161-mo1			s of Theore			on committee required.					
II EXTO IOI MOI		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course		7 4.4.0.		+ R (1)	mamorial grading mamorial grade	1110001110101	13.4444			
			essment	a) written examination (approx. 90 to 120 minutes) or							
		. 0. 000				e candidate each (approx. 30 minutes) or					
						oups (groups of 2, approx. 30 minutes per candidat	e) or				
					oject report (approx.						
					esentation/talk (app	rox. 30 minutes) vas chosen as method of assessment, this may be	changed and acc	cossment may instead take the			
						on of one candidate each or an oral examination in					
						students about this by four weeks prior to the origin					
				Language of assessment: German and/or English							
	other p	rerequi	isites	Appro	oval from examination	on committee required.					
			1	_ ' '		1					

11-EXT7-161-mo1	Current Topic	s of Theore	etical	Physics							
	ECTS 7	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)	•						
	Method of as:	sessment	a) wr	a) written examination (approx. 90 to 120 minutes) or							
				al examination of one candidate each (approx. 30 minutes) or							
					oups (groups of 2, approx. 30 minutes per candidate	e) or					
				l) 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 le	ecturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.				
	other prerequ	icitos			German and/or English on committee required.						
11-EXT8-161-m01					on committee required.						
11-EX 18-161-M01	Current Topic			1	Mathada fawadin a lawada	Madulland	Lawa di cata				
	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (2)			_				
	Method of ass	sessment	a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or								
				oral examination in groups (groups of 2, approx. 30 minutes per candidate) or							
			d) pro	oject report (approx.	8 to 10 pages) or						
				esentation/talk (app							
				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							
	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.										
					German and/or English						
	other prerequ	isites	Approval from examination committee required.								
11-EXT6A-161-m01											
	ECTS 6	Duration	ı	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)		,					
	Method of as:	sessment			pprox. 90 to 120 minutes) or						
					e candidate each (approx. 30 minutes) or	`					
				al examination in gro oject report (approx.	ups (groups of 2, approx. 30 minutes per candidate	e) or					
				esentation/talk (app							
					vas chosen as method of assessment, this may be	changed and as	sessment may instead take the				
					on of one candidate each or an oral examination in						
				date at the latest.							
	a the annual and a second	:-:+			German and/or English						
	other prerequ	isites	Appro	oval from examination	on committee required.						

11-CSAM-161-mo1	Advance	ed Top	ics in Astr	ophysi	ics							
	ECTS	6	Duration		1 semester	Method of gradin	g numerical grade	Mod	ul level	graduate		
	Courses	S		V (3) +	- R (1)							
	Method	of ass				(approx. 90 to 120 m						
							approx. 30 minutes) or					
				c) ora	i examination in g	groups (groups of 2, a ex. 8 to 10 pages) or	pprox. 30 minutes per	candidate) or				
						oprox. 30 minutes)						
				If a wr	itten examination	was chosen as metl	nod of assessment, this	s may be change	d and as	sessment 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, le lecturer must inform students about this by four weeks prior to the original examination date at the latest.							
						n students about this nt: German and/or Er		the original exan	nination	date at the latest.		
	other pr	reregui				tion committee requ						
11-CSFM-161-mo1	· ·		ics in Soli	<u> </u>								
İ	ECTS	6	Duration		1 semester	Method of gradin	g numerical grade	Mod	ul level	graduate		
	Courses	S		V (3) +	- R (1)							
	Method	d of ass) written examination (approx. 90 to 120 minutes) or							
					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) pro) project report (approx. 8 to 10 pages) or							
				e) pre	sentation/talk (a)	oprox. 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 orm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is chang							
					form of an oral examination of one candidate each of 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	rerequi		Approval from examination committee required.								
Winter Term 2019												
11-EXE5-161-mo1	Current	Topics	in Experi	menta	l Physics							
	ECTS	5	Duration		1 semester	Method of gradin	g numerical grade	Mod	ul level	graduate		
	Courses			V (2) -								
	Method	d of ass	essment	a) writ	tten examination	(approx. 90 to 120 m	inutes) or					
				b) ora	l examination of (one candidate each (approx. 30 minutes) or approx. 30 minutes per	candidata) or				
							ippiox. 30 illillutes per	candidate) of				
				d) project report (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 assessm 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								
										date at the tatest.		
	other pr	rerequi				tion committee requ				_		
	·							- (1				

11-EXE6-161-mo1	Current Top	ics in Experi	menta	l Physics		,					
	ECTS 6	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	•	V (3)	+ R (1)	•	•					
	Method of a	ssessment	a) wr	a) written examination (approx. 90 to 120 minutes) or							
			b) ora	al examination of or	ne candidate each (approx. 30 minutes) or						
			c) ora	c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or							
			a) pro) 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	form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,							
			the le	the lecturer must inform students about this by four weeks prior to the original examination date at the latest.							
					: German and/or English						
	other prerec	<u> </u>			on committee required.						
11-EXE7-161-mo1	Current Top			ıl Physics							
	ECTS 7	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (1)							
	Method of a	ssessment	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							
				oject report (approx		e) or					
				esentation/talk (app							
			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 prerec	nnicitos					_				
11-EXE8-161-mo1	other prerequisites Approval from examination committee required. Current Topics in Experimental Physics										
11-LXLO-101-IIIO1	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	Duration		+ R (2)	Method of grading numerical grade	Modul level	graduate				
		ccoccmont			approx. 90 to 120 minutes) or						
	Method of a	356551116111			ne candidate each (approx. 30 minutes) or						
					oups (groups of 2, approx. 30 minutes per candidat	e) or					
			d) pro	oject report (approx	. 8 to 10 pages) or						
				esentation/talk (app							
					was chosen as method of assessment, this may be ion of one candidate each or an oral examination in						
			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 prerec	quisites			on committee required.						
	, , , , , , , , , , , , , , , , , , , ,		<u> </u>	-	·						

11-EXE6A-161-m01	Current	Topics	in Experi	menta	l Physics							
	ECTS	6	Duration)	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	;		V (3)	+ R (1)	·						
	Method	of asse	essment	a) wri	a) written examination (approx. 90 to 120 minutes) or							
						e candidate each (approx. 30 minutes) or						
				c) ora	il examination in gro	oups (groups of 2, approx. 30 minutes per candidat	e) or					
				e) pro	d) project report (approx. 8 to 10 pages) or epipersentation/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 le	cturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.				
						German and/or English						
EVD ()	other pr				oval from examination	on committee required.	,					
11-EXP6-161-m01			in Physik				1					
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses				+ 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) ora	c) oral examination in groups (groups of 2, approx. 30 minutes) or							
				d) pro) project report (approx. 8 to 10 pages) or							
				e) pre	esentation/talk (app	rox. 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	erequis	sites	Approval from examination committee required.								
11-EXP6A-161-m01												
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses				+ R (1)							
	Method	of asse				pprox. 90 to 120 minutes) or						
						e candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candidat	o) or					
					oject report (approx.		.e) 01					
				e) pre	esentation/talk (app	rox. 30 minutes)						
						vas chosen as method of assessment, this may be						
						on of one candidate each or an oral examination in						
				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	ereguio				on committee required.		_				
	other pr	crequis	5,105	, whhi	- CAUTHOUT CAUTHITIALIC	ommittee required.						

11-EXT5-161-m01	Current Topi	cs of Theor	etical	Physics							
	ECTS 5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	,	V (2)	+ R (2)	·	•					
	Method of as	ssessment	a) wr	a) written examination (approx. 90 to 120 minutes) or							
					e candidate each (approx. 30 minutes) or						
					oups (groups of 2, approx. 30 minutes per candidat	e) 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	form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,							
					students about this by four weeks prior to the origin	nal examination	date at the latest.				
					: German and/or English						
	other prereq				on committee required.						
11-EXT6-161-mo1	Current Topi										
	ECTS 6	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (1)							
	Method of as	ssessment	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							
				project report (approx. 8 to 10 pages) or							
				esentation/talk (app							
				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 prereq	uisites			on committee required.						
11-EXT7-161-m01	Current Topics of Theoretical Physics										
	ECTS 7	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (1)							
	Method of as	ssessment	a) written examination (approx. 90 to 120 minutes) or								
					e candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candidat	a) ar					
				oject report (approx.		e) 01					
				esentation/talk (app							
			If a w	ritten examination v	vas chosen as method of assessment, this may be						
			form of an oral examination of one candidate each or an oral examination in groups. If the method of assessments the lecturer must inform students about this by four weeks prior to the original examination date at the latest.								
				date at the latest.							
	other prereq	uicitec	Language of assessment: German and/or English Approval from examination committee required.								
	Tottlet bieled	4131103	Lyphi	- CAUTHOUT CAUTHITALI	on committee required.						

11-EXT8-161-m01	Current T	Topics of The	oretical	Physics							
	ECTS 8	3 Durat	ion	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (4)	+ R (2)							
	Method o	of assessmer	it a) w	a) written examination (approx. 90 to 120 minutes) or							
			b) or	al examination of or	ne candidate each (approx. 30 minutes) or						
					oups (groups of 2, approx. 30 minutes per candidat	e) or					
				l) project report (approx. 8 to 10 pages) or l) presentation/talk (approx. 30 minutes)							
			If a v	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 l	ecturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.				
					: German and/or English on committee required.						
FVT(A . (erequisites			on committee required.						
11-EXT6A-161-mo1		Topics of The			I AA akka da Carra Kara Larra da ahara da	AA = al., 1 = = 1	Lawadaata				
	ECTS 6	5 Durat		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (1)							
	Method	of assessmer	it a) w	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) pr	oject report (approx	. 8 to 10 pages) or	,					
				e) presentation/talk (approx. 30 minutes) f a written examination was chosen as method of assessment, this may be changed and assessment may instead take the							
				form of an oral examination was chosen as method or assessment, this may be changed and assessment may instead take the							
				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 pre	erequisites	Appı	Approval from examination committee required.							
11-CSAM-161-mo1	Advanced Topics in Astrophysics										
	ECTS 6	6 Durat	ion	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)							
	Method o	of assessmer			approx. 90 to 120 minutes) or						
					ne candidate each (approx. 30 minutes) or	>					
				ai examination in gro oject report (approx	oups (groups of 2, approx. 30 minutes per candidat	e) or					
				esentation/talk (app							
			If a v	vritten examination v	was chosen as method of assessment, this may be						
					ion of one candidate each or an oral examination ir						
				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							
	oth c " "										
	other pre	erequisites	Appi	ovat from examinati	on committee required.	_					

11-CSFM-161-m01	Advanc	ced Topi	ics in Soli	d State	e Physics	1					
	ECTS	6	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	25	·	V (3) ·	+ R (1)	,		•			
	Method	d of ass				(approx. 90 to 120 mir					
						one candidate each (a _l		1.1			
						roups (groups or 2, ap x. 8 to 10 pages) or	prox. 30 minutes per o	andidate) or			
						prox. 30 minutes)					
				If a w	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, e lecturer must inform students about this by four weeks prior to the original examination date at the latest.						
					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			pproval from examination committee required.						
Summer Term 2020)	,		. ,		·					
11-EXE5-161-m01	Curren	t Topics	in Experi	menta	l Physics						
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course				(2) + R (2)						
	Method	d of ass				(approx. 90 to 120 mir					
				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) pro	d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes) or e) presentation/talk (approx. 30 minutes) of 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,						
				e) pre							
					torm of an oral examination of one candidate each of 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				tion committee require					
11-EXE6-161-mo1	Curren	t Topics	in Experi	menta	l Physics						
	ECTS	6	Duration	1	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					
						one candidate each (ap	oprox. 30 minutes) or prox. 30 minutes per c	andidata) ar			
						x. 8 to 10 pages) or	prox. 30 minutes per c	.aiiuiuate) oi			
						prox. 30 minutes)					
									sessment may instead take the		
									ethod of assessment is changed,		
								he original examination	uate at the tatest.		
				Langu	Language of assessment: German and/or English Approval from examination committee required.						

11-EXE7-161-m01	Current	Topics	in Experii	menta	l Physics							
	ECTS	7	Duration)	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	5		V (3)	+ R (1)	·	•					
	Method	of ass	essment	a) written examination (approx. 90 to 120 minutes) or								
				b) ora	b) oral examination of one candidate each (approx. 30 minutes) or							
				c) ora) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or l) project report (approx. 8 to 10 pages) or							
					project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes)							
					f a written examination was chosen as method of assessment, this may be changed and assessment may instead take the							
				form	of an oral examinat	tion of one candidate each or an oral examination	in groups. If the m	ethod of assessment is changed,				
				the le	ecturer must inform	students about this by four weeks prior to the original	ginal examination	date at the latest.				
						t: German and/or English						
	other pr					ion committee required.						
11-EXE8-161-mo1			in Experi		ıl Physics							
	ECTS	8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	5			+ R (2)							
	Method	l of asso	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							
				c) ora	at examination in gr oject report (approx	Oups (groups of 2, approx. 30 minutes per candid	ate) or					
				e) pre	esentation/talk (ap	prox. 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							
						tion of one candidate each or an oral examination						
					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	rerequi		Approval from examination committee required.								
11-EXE6A-161-mo1			in Experii			ion committee required.						
II EXEOX IOI MOI		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		J		+ R (1)			10				
	Method	of ass				approx. 90 to 120 minutes) or		-				
				b) ora	al examination of o	ne candidate each (approx. 30 minutes) or						
						roups (groups of 2, approx. 30 minutes per candid	ate) or					
					oject report (approx							
					esentation/talk (ap	prox. 30 minutes) was chosen as method of assessment, this may b	on changed and ac	sessment may instead take the				
						tion of one candidate each or an oral examination						
						students about this by four weeks prior to the ori						
					anguage of assessment: German and/or English							
	other pr	rerequi	sites	Approval from examination committee required.								

11-EXP6-161-mo1	Current	t Topics	in Physik	(,					
	ECTS	6	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (3)	+ R (1)	·						
	Method	d of ass	essment	a) wr	a) written examination (approx. 90 to 120 minutes) or							
						e candidate each (approx. 30 minutes) or						
						ups (groups of 2, approx. 30 minutes per candidat	e) 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							
						on of one candidate each or an oral examination in						
				the le	ecturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.				
	.1					German and/or English						
EVD (A. (other p				oval from examination	on committee required.						
11-EXP6A-161-m01			in Physil		•							
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (1)							
	Method	d of ass	essment	a) wr	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							
					oject report (approx.		e) 01					
				e) pre	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-EXT5-161-mo1			of Theore			· ·	1					
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (2)							
	Method	d of ass	essment			pprox. 90 to 120 minutes) or						
						e candidate each (approx. 30 minutes) or ups (groups of 2, approx. 30 minutes per candidat	o) or					
					oject report (approx.		e) 01					
					esentation/talk (app							
						vas chosen as method of assessment, this may be						
				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	reregui	citoc			on committee required.		-				
	Journel h	rerequi	31163	whhi	- Examillation	on committee required.						

11-EXT6-161-mo1	Current Topi	ics of Theor	etical	Physics							
	ECTS 6	Duratio	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)		7					
	Method of a	ssessment	a) written examination (approx. 90 to 120 minutes) or								
					e candidate each (approx. 30 minutes) or	`					
					oups (groups of 2, approx. 30 minutes per candidate	e) 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 le	ecturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.				
	ath ar prayage	wisitos			: German and/or English on committee required.						
FVT	other prereq				on committee required.						
11-EXT7-161-m01	Current Topi				Markey de Compating a company of a large de	AAll l l	Laws divists				
	ECTS 7	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (1)							
	Method of a	ssessment	a) wr	n) written examination (approx. 90 to 120 minutes) or n) oral examination of one candidate each (approx. 30 minutes) or							
				c) oral examination in groups (groups of 2, approx. 30 minutes) or							
			d) pro	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 Approval from examination committee required.								
	other prereq	uisites									
11-EXT8-161-mo1	Current Topi	ics of Theor	etical	Physics		'					
	ECTS 8	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (2)							
	Method of a	ssessment			pprox. 90 to 120 minutes) or						
					ne candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candidate	o) or					
				oject report (approx.		e) 01					
			e) pre	esentation/talk (app	prox. 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 i								
			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 prereq	uisites			on committee required.						
	Journal Picied	uisites .	, whi	- CAUTHIALI	on committee required.						

11-EXT6A-161-m01	Current	t Topics	of Theore	tical	Physics								
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (3)	+ R (1)	·	•						
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or									
				b) or	b) oral examination of one candidate each (approx. 30 minutes) or								
				c) ora	al examination in gr	roups (groups of 2, approx. 30 minutes per candida	te) or						
) project report (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								
				form	of an oral examinat	tion of one candidate each or an oral examination i	n groups. If the m	ethod of assessment is changed,					
				the le	ecturer must inform	students about this by four weeks prior to the orig	inal examination	date at the latest.					
						t: German and/or English							
		rerequi		<u> </u>		ion committee required.							
11-CSAM-161-mo1			ics in Astr	<u> </u>	sics								
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (3)	+ R (1)								
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or									
				b) or	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) nr	d) project report (approx. 8 to 10 pages) or								
				e) pr	esentation/talk (ap	prox. 30 minutes)							
				If a w	f 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 n	rerequi	sites	Approval from examination committee required.									
11-CSFM-161-m01					e Physics	ion committee required.		···					
11 cs/m 101 mo1		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course				+ R (1)			0					
	Method	d of ass			_	approx. 90 to 120 minutes) or		-					
				b) or	al examination of o	ne candidate each (approx. 30 minutes) or							
						roups (groups of 2, approx. 30 minutes per candida	te) or						
					oject report (approx								
					esentation/talk (ap		changed and ass	sessment may instead take the					
				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 cha									
					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 examinat	ion committee required.							

Winter Term 2020									
11-EXE5-161-m01	Current Topics in Expe	rimental Physics							
	ECTS 5 Duration		Method of grading numerical grade	Modul level	graduate				
	Courses	V (2) + R (2)							
	Method of assessment	c) oral examination in g d) project report (appro e) presentation/talk (ap If a written examination form of an oral examina the lecturer must inform	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 prerequisites	Approval from examina	tion committee required.						
11-EXE6-161-mo1	Current Topics in Expe								
	ECTS 6 Duration	on 1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	V (3) + R (1)							
		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 chan 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-EXE7-161-m01	Current Topics in Expe								
	ECTS 7 Duration		Method of grading numerical grade	Modul level	graduate				
	Courses Method of assessment	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 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 examina	tion committee required.						

11-EXE8-161-mo1	Current	Topics	in Experi	menta	l Physics								
	ECTS	8	Duration)	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	;		V (4)	+ R (2)	·	•						
	Method	of asse	essment	a) written examination (approx. 90 to 120 minutes) or									
				b) ora	b) oral examination of one candidate each (approx. 30 minutes) or								
				c) ora	l examination in gro	oups (groups of 2, approx. 30 minutes per candidat	e) or						
				a) pro	f) project report (approx. 8 to 10 pages) or especially presentation/talk (approx. 30 minutes) f 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,								
				form									
				the le	cturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.					
						: German and/or English							
	other pr			<u> </u>		on committee required.							
11-EXE6A-161-mo1			in Experi				1						
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses				+ R (1)								
	Method	of asse	essment	a) wri	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								
					d) project report (approx. 8 to 10 pages) or								
				e) pre	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 pr	erequis	sites	Approval from examination committee required.									
11-EXP6-161-m01		•	in Physik	- ' '									
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses				+ R (1)								
	Method	of asse				pprox. 90 to 120 minutes) or							
						e candidate each (approx. 30 minutes) or)						
					i examination in gro oject report (approx.	oups (groups of 2, approx. 30 minutes per candidat	e) or						
					sentation/talk (app								
				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 and assessment may instead take the									
				the lecturer must inform students about this by four weeks prior to the original examination date at the late Language of assessment: German and/or English									
	- 4 la - 11 · · · ·												
	other pr	erequis	sites	Appro	vai irom examinatio	on committee required.	-						

11-EXP6A-161-m01	Curren	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	essment	a) wr	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							
				c) ora								
					d) project report (approx. 8 to 10 pages) or experience of the project report (approx. 30 minutes)							
					f a written examination was chosen as method of assessment, this may be changed and assessment may instead take the							
				form	of an oral examinat	ion of one candidate each or an oral examination i	n groups. If the m	ethod of assessment is changed,				
				the le	ecturer must inform	students about this by four weeks prior to the orig	inal examination	date at the latest.				
						t: German and/or English						
		rerequi				ion committee required.						
11-EXT5-161-m01			of Theore		Physics							
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	:S		V (2)	+ R (2)							
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or								
				b) 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							
				c) ora	al examination in gr oject report (approx	oups (groups of 2, approx. 30 minutes per candida	ite) or					
				e) pr	esentation/talk (applox	orox. 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							
İ	- 41		-14	Approval from examination committee required.								
EVE (rerequi				ion committee required.	1					
11-EXT6-161-m01			of Theore		1		1					
<u> </u>	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (1)							
	Method	d of ass	essment			approx. 90 to 120 minutes) or						
						ne candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candida	uta) ar					
					oject report (approx		ite) oi					
					esentation/talk (ap							
				If a w	ritten examination	was chosen as method of assessment, this may be						
						ion of one candidate each or an oral examination i						
						students about this by four weeks prior to the orig	inal examination	date at the latest.				
	- 41-		-14			t: German and/or English						
	otner p	rerequi	sites	Appr	oval from examinati	on committee required.						

11-EXT7-161-mo1	Current Topic	s of Theore	etical	Physics								
	ECTS 7	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (3)	+ R (1)	•							
	Method of as:	sessment	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	f a written examination was chosen as method of assessment, this may be changed and assessment may instead take the								
					on of one candidate each or an oral examination in							
			the le	ecturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.					
	other prerequ	icitos			German and/or English on committee required.							
11-EXT8-161-m01					on committee required.							
11-EX 18-161-M01	Current Topic			1	Mathada fawadin a lawadin a lawada	Madulland	Lawa di cata					
	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (2)			_					
	Method of ass	sessment	a) wr	a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or								
				oral examination in groups (groups of 2, approx. 30 minutes per candidate) or								
			d) pro	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 prerequ	isites	Approval from examination committee required.									
11-EXT6A-161-m01	Current Topic	s of Theore	etical	Physics		'						
	ECTS 6	Duration	ı	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (3)	+ R (1)		,						
	Method of as:	sessment			pprox. 90 to 120 minutes) or							
					e candidate each (approx. 30 minutes) or	`						
				al examination in gro oject report (approx.	ups (groups of 2, approx. 30 minutes per candidate	e) or						
				esentation/talk (app								
			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 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									
	a the annual and a second	:-:+										
	other prerequ	isites	Appro	oval from examination	on committee required.							

11-CSAM-161-mo1	Advance	d Topics ir	n Astroj	physic	S			,			
	ECTS 6	5 Du	ıration	1	ı semester	Method of grading	numerical grade	Modul level	graduate		
	Courses		٧	/ (3) +	R (1)	•					
	Method o	of assessm		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							
			C								
			11								
									ethod of assessment is changed,		
						i students about this it: German and/or En	by four weeks prior to the	e original examination	date at the latest.		
	other pre	requisites				tion committee requi					
11-CSFM-161-mo1		d Topics ir		<u> </u>							
	ECTS 6	5 Du	ıration	1	ı semester	Method of grading	numerical grade	Modul level	graduate		
	Courses			/ (3) +							
	Method o	Method of assessment			en examination ((approx. 90 to 120 mi	nutes) 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)							
			11	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.							
Summer Term 2021	i .										
11-EXE5-161-mo1	Current T	Topics in E	xperim	ental I	Physics						
	ECTS 5	5 Du	ıration		ı semester	Method of grading	numerical grade	Modul level	graduate		
	Courses			/ (2) +	• • • • • • • • • • • • • • • • • • • •						
	Method o	of assessm	nent	ı) writte	en examination ((approx. 90 to 120 mi	nutes) or				
			þ	o) oral (examination of c	ne candidate each (a	pprox. 30 minutes) or oprox. 30 minutes per car	ndidata) or			
						x. 8 to 10 pages) or	opiox. 30 illillutes per car	iluluate) oi			
			e	e) prese	entation/talk (ap	prox. 30 minutes)					
				If a written examination was chosen as method of assessment, this may be changed and assessment may							
				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							
			L								
	other pre	requisites				tion committee requi	-				
L						•					

11-EXE6-161-mo1	Current Top	ics in Experi	menta	l Physics		,						
	ECTS 6	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	•	V (3)	+ R (1)	•	•						
	Method of a	ssessment	a) written examination (approx. 90 to 120 minutes) or									
			b) ora	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) project report (approx. 8 to 10 pages) or								
			a) pro	a) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes)								
				f a written examination was chosen as method of assessment, this may be changed and assessment may instead take the								
			form	form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,								
			the le	ecturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.					
					: German and/or English							
	other prerec	<u> </u>			on committee required.							
11-EXE7-161-mo1	Current Top			ıl Physics								
	ECTS 7	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method of a	ssessment	a) wr) written examination (approx. 90 to 120 minutes) or								
				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)								
			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 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 prerec	nnicitos	Approval from examination committee required.									
11-EXE8-161-mo1	Current Top	<u>' </u>			on committee required.							
11-LXLO-101-IIIO1	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	Duration		+ R (2)	Method of grading numerical grade	Modul level	graduate					
		ccoccmont			approx. 90 to 120 minutes) or							
	Method of a	356551116111			ne candidate each (approx. 30 minutes) or							
					oups (groups of 2, approx. 30 minutes per candidat	e) 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										
			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 prerec	quisites			on committee required.							
	, , , , , , , , , , , , , , , , , , , ,		<u> </u>	-	·							

11-EXE6A-161-m01	Current	Current Topics in Experimental Physics											
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	s S		V (3)	+ R (1)	·	•						
	Method	d of ass	essment	a) wr	a) written examination (approx. 90 to 120 minutes) or								
				b) or	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								
					l) project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes)								
) presentation/talk (approx. 30 minutes) a written examination was chosen as method of assessment, this may be changed and assessment may instead take the								
						ion of one candidate each or an oral examination is							
				the le	ecturer must inform	students about this by four weeks prior to the origi	nal examination	date at the latest.					
						: German and/or English							
	other p			<u> </u>	oval from examinati	on committee required.		,					
11-EXP6-161-m01			in Physik			<u> </u>							
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course				+ R (1)								
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or									
				b) 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								
				c) ora	at examination in gr oject report (approx	oups (groups of 2, approx. 30 minutes per candida	te) or						
				e) pr	esentation/talk (app	orox, so minutes)							
				If a w	ritten examination v	was chosen as method of assessment, this may be							
					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	rorogui	citos	Language of assessment: German and/or English Approval from examination committee required.									
11-EXP6A-161-m01						on committee required.							
11-EAPOA-101-11101			in Physik		1	Markland of any time I amends	Mandad Inval	Laws divists					
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course				+ R (1)								
	Method	or ass				approx. 90 to 120 minutes) or ne candidate each (approx. 30 minutes) or							
						oups (groups of 2, approx. 30 minutes) of	te) or						
					oject report (approx		(2)						
				e) pro	esentation/talk (app	prox. 30 minutes)							
						was chosen as method of assessment, this may be							
				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	rorogui				on committee required.		-					
	other p	rerequi	31163	whhi		on committee required.							

11-EXT5-161-m01	Current Topi	cs of Theor	etical	Physics								
	ECTS 5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	,	V (2)	+ R (2)	·	•						
	Method of as	ssessment	a) wr	a) written examination (approx. 90 to 120 minutes) or								
				b) oral examination of one candidate each (approx. 30 minutes) or								
					oups (groups of 2, approx. 30 minutes per candidat	e) 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	form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,								
					students about this by four weeks prior to the origin	nal examination	date at the latest.					
					: German and/or English							
	other prereq				on committee required.							
11-EXT6-161-mo1	Current Topi											
	ECTS 6	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method of as	ssessment	a) 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								
				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 prereq	uisites	Approval from examination committee required.									
11-EXT7-161-m01	Current Topi					,						
	ECTS 7	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method of as	ssessment			pprox. 90 to 120 minutes) or							
					e candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candidat	a) ar						
				oject report (approx.		e) 01						
			e) presentation/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 o											
					students about this by four weeks prior to the origir : German and/or English	nai examination	date at the latest.					
	other prereq	uicitec			on committee required.		_					
	Tottlet bieled	4131103	Lyphi	- CAUTHOUT CAUTHITALI	on committee required.							

11-EXT8-161-m01	Current T	Current Topics of Theoretical Physics										
	ECTS 8	3 Durat	ion	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (4)	(4) + R(2)								
	Method o	of assessmer	t a) w) written examination (approx. 90 to 120 minutes) or								
			b) or	oral examination of one candidate each (approx. 30 minutes) or 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 v	e) presentation/talk (approx. 30 initiales). If a written examination was chosen as method of assessment, this may be changed and assessment may instead								
					ion of one candidate each or an oral examination in							
			the l	ecturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.					
					: German and/or English on committee required.							
FVT(A . (erequisites			on committee required.							
11-EXT6A-161-mo1		Topics of The			I AA akka da Carra Kara Larra da ahara da	AA = al., 1 = = 1	Lawadaata					
	ECTS 6	5 Durat		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method	of assessmer	it a) w	ritten examination (a	approx. 90 to 120 minutes) or ne candidate each (approx. 30 minutes) or							
			c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or									
			d) pr	d) project report (approx. 8 to 10 pages) or								
				esentation/talk (app								
				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 pre	other prerequisites Approval from examination committee required.										
11-CSAM-161-mo1	Advance	d Topics in A	strophy	sics								
	ECTS 6	6 Durat	ion	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (3)	+ R (1)								
	Method o	of assessmer			approx. 90 to 120 minutes) or							
					ne candidate each (approx. 30 minutes) or	>						
				ai examination in gro oject report (approx	oups (groups of 2, approx. 30 minutes per candidat	e) or						
				esentation/talk (app								
			If a v	vritten examination v	was chosen as method of assessment, this may be							
					ion of one candidate each or an oral examination in							
			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									
	oth c " "											
	other pre	erequisites	Appi	ovat from examinati	on committee required.	_						

11-CSFM-161-m01	Advanc	ed Topi	ics in Soli	d State	e Physics						
	ECTS	6	Duration	ı	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						
				c) ora	l examination in gi	roups (groups of 2, approx. 30 minutes per can	ididate) or				
					project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes)						
				If a wr	a written examination was chosen as method of assessment, this may be changed and assessment may instead take th						
						tion of one candidate each or an oral examinat					
						n students about this by four weeks prior to the nt: German and/or English	original examination	date at the latest.			
	other n	rerequi	sites			tion committee required.					
Winter Term 2021	other p	rerequi	31103	7.19910	vat irom examinat						
11-EXE5-161-mo1	Curren	t Topics	in Experi	menta	l Physics						
11 2/12/101 11101	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses			V (2) -				10			
	Method	d of ass	essment	a) wri	tten examination ((approx. 90 to 120 minutes) or					
						ne candidate each (approx. 30 minutes) or					
	other prerequisites				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 to the latest the form of the latest that the form of the latest the latest the form of the latest the form of the latest th						
				If a wr							
					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						
575.				Approval from examination committee required. mental Physics							
11-EXE6-161-m01			Duration			Mothod of avading humovical avado	Madullaval	ava duata			
		6			1 semester	Method of grading numerical grade	Modul level	graduate			
	Course			V (3) +							
	Method	a or ass	essment			(approx. 90 to 120 minutes) or one candidate each (approx. 30 minutes) or					
				c) ora	l examination in g	roups (groups of 2, approx. 30 minutes per can	didate) or				
				d) pro	d) project report (approx. 8 to 10 pages) or						
				e) presentation/talk (approx. 30 minutes)							
						was chosen as method of assessment, this ma					
				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							
							ongmat examination				

11-EXE7-161-m01	Current Topics in Experimental Physics										
	ECTS	7	Duration)	1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses	5		V (3)	(3) + R (1)						
	Method	of ass	essment	a) wr	itten examination (approx. 90 to 120 minutes) or					
				b) ora	al examination of o	ne candidate each (approx. 30 minutes) or					
				c) ora	al examination in gr	roups (groups of 2, approx. 30 minutes per candid	ate) or				
					oject report (approx esentation/talk (ap						
						was chosen as method of assessment, this may b	e changed and as	sessment may instead take the			
				form	of an oral examinat	tion of one candidate each or an oral examination	in groups. If the m	ethod of assessment is changed,			
				the le	ecturer must inform	students about this by four weeks prior to the original	ginal examination	date at the latest.			
						t: German and/or English		_			
	other pr					ion committee required.					
11-EXE8-161-mo1			in Experi		al Physics						
	ECTS	8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses	5			+ R (2)						
	Method	l of asso	essment	a) wr	itten 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							
				c) ora	ai examination in gi oject report (approx	roups (groups of 2, approx. 30 minutes per candid	ate) or				
				e) pre	esentation/talk (ap	prox. 30 minutes)					
				If a w	ritten examination	was chosen as method of assessment, this may b					
						tion of one candidate each or an oral examination					
					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-EXE6A-161-mo1				mental Physics							
II EXEOX IOI MOI		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses		J		+ R (1)			0			
	Method	of ass				approx. 90 to 120 minutes) or		-			
				b) ora	al examination of o	ne candidate each (approx. 30 minutes) or					
						roups (groups of 2, approx. 30 minutes per candid	ate) or				
					oject report (approx						
					esentation/talk (ap	prox. 30 minutes) was chosen as method of assessment, this may b	o changed and acc	sossment may instead take the			
			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.								
						t: German and/or English					
	other pr	rerequi	sites	Appro	oval from examinat	ion committee required.					

11-EXP6-161-mo1	Current	Current Topics in Physik									
	ECTS	6	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (3)	+ R (1)	•					
	Method	d of ass	essment	a) wr	tten examination (a	pprox. 90 to 120 minutes) or					
					oral examination of one candidate each (approx. 30 minutes) or						
					il examination in gro oject report (approx.	ups (groups of 2, approx. 30 minutes per candidate	e) or				
					esentation/talk (app						
						vas chosen as method of assessment, this may be	changed and ass	sessment may instead take the			
						on of one candidate each or an oral examination in					
				the le	ecturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.			
	.1					German and/or English					
EVE (A (other p				oval from examination	on committee required.					
11-EXP6A-161-mo1			in Physil								
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course				+ R (1)						
	Method	d of ass	essment	a) wr	tten examination (a	pprox. 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) pre	esentation/talk (app	rox. 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 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 Approval from examination committee required.							
	other p	rerequi	sites								
11-EXT5-161-m01	Current	t Topics	of Theore	etical	Physics	· · · · · · · · · · · · · · · · · · ·					
		5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course				+ R (2)						
	Method	d of ass	essment			pprox. 90 to 120 minutes) or					
						e candidate each (approx. 30 minutes) or ups (groups of 2, approx. 30 minutes per candidate	a) or				
					oject report (approx.		e) 01				
				e) pre	esentation/talk (app	rox. 30 minutes)					
						as chosen as method of assessment, this may be					
				form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is characteristic the lecturer must inform students about this by four weeks prior to the original examination date at the latest.							
							iai examination	uate at the latest.			
	other p	rereaui	sites	Language of assessment: German and/or English Approval from examination committee required.							
	June p	reregui		ייאאיי	- CAUTHOUT CAUTHINGUIC						

11-EXT6-161-mo1	Current Topi	Current Topics of Theoretical Physics										
	ECTS 6	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (3)	(3) + R (1)								
	Method of a	ssessment	a) wr	a) written examination (approx. 90 to 120 minutes) or								
					ne candidate each (approx. 30 minutes) or	`						
				al examination in gro oject report (approx.	oups (groups of 2, approx. 30 minutes per candidate	e) or						
			If a w	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 th								
					ion of one candidate each or an oral examination in							
			the le	ecturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.					
	ath or prove	wisitos			: German and/or English on committee required.							
FVT	other prereq				on committee required.							
11-EXT7-161-m01	Current Topi				Market of Compline Company	NA - J. J. J J	Laws ducate					
	ECTS 7	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method of a	ssessment	a) wr	itten examination (a	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) pro	oject report (approx.	. 8 to 10 pages) or	o, c.						
				esentation/talk (app								
				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-EXT8-161-mo1	Current Topi	ics of Theor	etical	Physics		"						
	ECTS 8	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (2)		,						
	Method of a	ssessment			ipprox. 90 to 120 minutes) or							
					ne candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candidate	o) or						
				oject report (approx.		e) 01						
			e) pre	esentation/talk (app	prox. 30 minutes)							
					was chosen as method of assessment, this may be							
		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.										
						iai examination	uate at the latest.					
	other prereq	uisites	Language of assessment: German and/or English Approval from examination committee required.									
	Journal Picied	uisites .	ייאאיי	- CAUTHITALI	on committee required.							

11-EXT6A-161-m01	Current Topics of Theoretical Physics										
	ECTS	6	Duration)	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (3)	+ R (1)	·	•				
	Method	d of ass	essment	a) wr	itten examination (a	approx. 90 to 120 minutes) or					
				b) or	al examination of o	ne candidate each (approx. 30 minutes) or					
				c) ora	al examination in gr	oups (groups of 2, approx. 30 minutes per candida	te) or				
					oject report (approx esentation/talk (ap						
						was chosen as method of assessment, this may be	changed and ass	sessment may instead take the			
				form	of an oral examinat	ion of one candidate each or an oral examination in	n groups. If the m	ethod of assessment is changed,			
				the le	ecturer must inform	students about this by four weeks prior to the original	nal examination	date at the latest.			
						t: German and/or English					
		rerequisites Approval from examination committee required.									
11-CSAM-161-mo1			ics in Astr	<u> </u>	sics						
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (3)	+ R (1)						
	Method	d of ass	essment	a) wr	itten examination (approx. 90 to 120 minutes) or					
				b) or	o) oral examination of one candidate each (approx. 30 minutes) or) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or						
				c) ora	al examination in gr oject report (approx	oups (groups of 2, approx. 30 minutes per candida:	te) or				
				e) pr	esentation/talk (ap	prox. 30 minutes)					
				If a w	ritten examination	was chosen as method of assessment, this may be					
				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						
	othorn	rerequi	citos	Approval from examination committee required.							
11-CSFM-161-m01				d State Physics							
11-C3FM-161-III01			Duration		1	Mathe daf we die el eve die el eve de	Modul level	Lava du ata			
		6			1 semester	Method of grading numerical grade	Modul level	graduate			
	Course				+ R (1)						
	Method	or ass				approx. 90 to 120 minutes) or ne candidate each (approx. 30 minutes) or					
						oups (groups of 2, approx. 30 minutes) of	te) or				
					oject report (approx						
				e) pr	esentation/talk (ap	prox. 30 minutes)					
						was chosen as method of assessment, this may be					
				form of an oral examination of one candidate each or an oral examination in groups. If the method of assessments the lecturer must inform students about this by four weeks prior to the original examination date at the latest.							
						students about this by four weeks prior to the origits: German and/or English	ııaı examındudi	uate at the latest.			
	other n	rerequi				ion committee required.					
	Julier b	Terequi	3.003	י יףףי							

Summer Term 202	2							
11-EXE5-161-mo1	Current Topics in Expe	rimental Physics						
	ECTS 5 Durati		Method of grading numerical grade	Modul level	graduate			
	Courses	V (2) + R (2)						
		b) oral examination of o c) oral examination in g d) project report (approx e) presentation/talk (ap If a written examination form of an oral examina the lecturer must inform Language of assessmen	a) written examination (approx. 90 to 120 minutes) or coloral examination of one candidate each (approx. 30 minutes) or coloral examination in groups (groups of 2, approx. 30 minutes per candidate) or coloral examination in groups (groups of 2, approx. 30 minutes per candidate) or coloral examination (approx. 8 to 10 pages) or coloral examination/talk (approx. 30 minutes) fa 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		tion committee required.					
11-EXE6-161-m01	Current Topics in Expe							
	ECTS 6 Durati		Method of grading numerical grade	Modul level	graduate			
	Courses	V (3) + R (1)	approx. 90 to 120 minutes) or					
		c) oral examination in g d) project report (approx e) presentation/talk (ap If a written examination form of an oral examina the lecturer must inform Language of assessmen	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 tak 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-EXE7-161-mo1	Current Topics in Expe							
	ECTS 7 Durati		Method of grading numerical grade	Modul level	graduate			
	Method of assessmen	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 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 Approval from examination committee required.						
	other prerequisites	Approval from examinat	tion committee required.					

11-EXE8-161-mo1	Current '	Current Topics in Experimental Physics										
	ECTS	8	Duration)	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	;		V (4)	(4) + R(2)							
	Method	of asse	essment	a) wri	tten examination (a	pprox. 90 to 120 minutes) or						
				b) ora	oral examination of one candidate each (approx. 30 minutes) or							
				c) ora	l examination in gro	oups (groups of 2, approx. 30 minutes per candidat	e) or					
				a) pro	oject report (approx. esentation/talk (app	8 (0 10 pages) of arox 20 minutes)						
						vas chosen as method of assessment, this may be	changed and as	sessment may instead take the				
				form	of an oral examinati	on of one candidate each or an oral examination in	groups. If the m	ethod of assessment is changed,				
				the le	cturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.				
						: German and/or English						
	other pro			<u> </u>		on committee required.						
11-EXE6A-161-mo1			in Experi				1					
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses				+ R (1)							
	Method	of asse	essment	a) wri	tten examination (a	pprox. 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							
				d) project report (approx. 8 to 10 pages) or								
				e) pre	sentation/talk (app	rox. 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.								
	other pro	erequis	sites									
11-EXP6-161-m01		•	in Physik	,								
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses				+ R (1)							
	Method	of asse				pprox. 90 to 120 minutes) or						
						e candidate each (approx. 30 minutes) or)					
					i examination in gro oject report (approx.	oups (groups of 2, approx. 30 minutes per candidat	e) or					
					sentation/talk (app							
				If a w	ritten examination v	vas chosen as method of assessment, this may be						
						on of one candidate each or an oral examination in						
				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								
	- 4 la - 11 · · · ·											
	other pro	erequis	sites	Appro	vai irom examinatio	on committee required.	-					

11-EXP6A-161-m01	Current	Current Topics in Physik										
	ECTS	6	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (3)	+ R (1)	·	•					
	Method	of ass	essment	a) wr	tten examination (a	pprox. 90 to 120 minutes) or						
					o) oral examination of one candidate each (approx. 30 minutes) or							
				c) ora	al examination in gro	oups (groups of 2, approx. 30 minutes per candidat	e) or					
				a) pro	oject report (approx. esentation/talk (app	rox so minutes)						
						vas chosen as method of assessment, this may be	changed and ass	sessment may instead take the				
				form	of an oral examinati	on of one candidate each or an oral examination in	groups. If the m	ethod of assessment is changed,				
				the le	cturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.				
						German and/or English						
	other p					on committee required.	-					
11-EXT5-161-m01			of Theore		T .	1						
		5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (2)							
	Method	d of ass	essment	a) wr	tten examination (a	pprox. 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							
					oject report (approx.		e) 01					
				e) pre	esentation/talk (app	rox. 30 minutes)						
				If a written examination was chosen as method of assessment, this may be changed and assessment may inst form of an oral examination of one candidate each or an oral examination in groups. If the method of assessm								
					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	isites	Approval from examination committee required.								
11-EXT6-161-mo1				etical Physics								
II EXTO IOI MOI		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course		7 4.4.0.		+ R (1)	mamorial grading mamorial grade	1110001110101	13.4444				
			essment		-	pprox. 90 to 120 minutes) or	,					
						e candidate each (approx. 30 minutes) or						
						oups (groups of 2, approx. 30 minutes per candidat	e) or					
					oject report (approx.							
					esentation/talk (app	rox. 30 minutes) vas chosen as method of assessment, this may be	changed and acc	sossment may instead take the				
				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.								
						: German and/or English						
	other p	rerequi	isites	Appro	oval from examination	on committee required.						
			1	_ ' '		1						

11-EXT7-161-mo1	Current Topics of Theoretical Physics										
	ECTS 7	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)	·	7					
	Method of as:	sessment	a) wr	a) written examination (approx. 90 to 120 minutes) or							
					e candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candidate						
				d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes)							
			If a w	ritten examination w	vas chosen as method of assessment, this may be o						
					on of one candidate each or an oral examination in						
			the le	ecturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.				
	other prerequ	icitoc			German and/or English on committee required.						
11-EXT8-161-m01					on committee required.						
11-EX 18-161-M01	Current Topic			1	Make defending a comparison was de	Madulland	Laura di cata				
	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (2)							
	Method of ass	sessment	a) wr	itten examination (a	pprox. 90 to 120 minutes) or e candidate each (approx. 30 minutes) or						
			d) pro	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 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 prerequisites Approval from examination committee required.										
11-EXT6A-161-m01	Current Topic	s of Theore	etical	Physics		'					
	ECTS 6	Duration	n n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)		•					
	Method of as:	sessment			pprox. 90 to 120 minutes) or						
					e candidate each (approx. 30 minutes) or	`					
				al examination in gro oject report (approx.	oups (groups of 2, approx. 30 minutes per candidate	e) or					
				esentation/talk (app							
					vas chosen as method of assessment, this may be	changed and as	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								
			the lecturer must inform students about this by four weeks prior to the original examination date at the latest.								
	- 4 la - 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la 11 la	:-:+			German and/or English						
	other prerequ	usites	Appro	oval from examination	on committee required.						

11-CSAM-161-mo1	Advanced	Advanced Topics in Astrophysics										
	ECTS 6	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)			·					
	Method of	assessment) written examination (approx. 90 to 120 minutes) or								
						pprox. 30 minutes) or	: 1-1-1					
			c) ora	il examination in g	roups (groups of 2, ap x. 8 to 10 pages) or	pprox. 30 minutes per cand	idate) or					
				esentation/talk (ap								
			If a w	ritten examination	was chosen as meth-	od of assessment, this may	be changed and ass	sessment may instead take the				
								ethod of assessment is changed,				
						by four weeks prior to the o	original examination	date at the latest.				
	other prere	anuicitas		anguage of assessment: German and/or English pproval from examination committee required.								
11-CSFM-161-mo1	<u> </u>	Topics in Soli			Tion committee requir			···				
	ECTS 6	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses	<u>, </u>	V (3)	+ R (1)	<u> </u>		'	·				
	Method of	assessment	a) wri	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	was chosen as meth	od of assessment, this may	be changed and ass	sessment may instead take the				
					ethod of assessment is changed,							
						by four weeks prior to the o	original examination	date at the latest.				
	other prere	enuicites		Language of assessment: German and/or English Approval from examination committee required.								
Winter Term 2022	other preis	equisites	TAPPIC	ovat iroin examina	tion committee requir	eu.						
	Current To	nice in Evner		I Dhysics								
11-EXE5-161-m01		pics in Experi		1 semester	Mothod of grading	I numarical grada	Modul level	graduato				
	ECTS 5	Duratio		+ R (2)	Method of grading	numerical grade	Modul level	graduate				
		assessment	` ` ′		(approx. 90 to 120 mi	autos) or						
	Method of	assessment	b) ora	al examination of o	appiox. 90 to 120 iiii ine candidate each (a	pprox. 30 minutes) or						
			c) ora	al examination in g	roups (groups of 2, ap	pprox. 30 minutes per cand	idate) or					
					x. 8 to 10 pages) or							
				esentation/talk (ap		- d - f + b:	. h					
								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 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 prere	equisites	Appro	oval from examinat	tion committee requir	ed.						
												

11-EXE6-161-mo1	Current Top	ics in Experi	menta	l Physics		,					
	ECTS 6	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	•	V (3)	+ R (1)	•	•					
	Method of a	ssessment	a) written examination (approx. 90 to 120 minutes) or								
			b) ora	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) project report (approx. 8 to 10 pages) or							
			a) pro	a) 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	form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,							
			the le	ecturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.				
					: German and/or English						
	other prerec	<u> </u>			on committee required.						
11-EXE7-161-mo1	Current Top			ıl Physics							
	ECTS 7	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (1)							
	Method of a	Nethod of assessment a) 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							
						e) 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 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 prerec	nnicitos	Approval from examination committee required.								
11-EXE8-161-mo1	Current Top	<u> </u>			on committee required.						
11-LXLO-101-IIIO1	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	Duration		+ R (2)	Method of grading numerical grade	Modul level	graduate				
		ccoccmont			approx. 90 to 120 minutes) or						
	Method of a	356551116111			ne candidate each (approx. 30 minutes) or						
					oups (groups of 2, approx. 30 minutes per candidat	e) 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 form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is cha									
			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 prerec	quisites			on committee required.						
	, , , , , , , , , , , , , , , , , , , ,		<u> </u>	-	·						

11-EXE6A-161-m01	Current	Topics	in Experi	menta	l Physics								
	ECTS	6	Duration)	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	;		V (3)	+ R (1)	·							
	Method	of asse	essment	a) written examination (approx. 90 to 120 minutes) or									
					b) oral examination of one candidate each (approx. 30 minutes) or								
				c) ora	il examination in gro	oups (groups of 2, approx. 30 minutes per candidat	e) or						
				e) pro) project report (approx. 8 to 10 pages) or) presentation/talk (approx. 30 minutes) f 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 le	cturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.					
						: German and/or English							
EVD ()	other pr				oval from examination	on committee required.	,						
11-EXP6-161-mo1			in Physik				1						
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses				+ R (1)								
	Method	hod of assessment a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or											
				c) ora	oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or								
				d) pro	d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes)								
				e) pre									
				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 character 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	erequis	sites	Approval from examination committee required.									
11-EXP6A-161-m01			in Physik			·							
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses				+ R (1)								
	Method	of asse				pprox. 90 to 120 minutes) or							
						e candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candidat	o) or						
					oject report (approx.		.e) 01						
				e) pre	esentation/talk (app	rox. 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 in the lecturer must inform students about this by four weeks prior to the original examination date at the latest.												
						students about this by four weeks prior to the origii : German and/or English	nai examination	date at the latest.					
	other pr	ereguio				on committee required.		_					
	other pr	crequis	5,105	, whhi	- CAUTHOUT CAUTHITIALIC								

11-EXT5-161-m01	Current Topi	cs of Theor	etical	Physics								
	ECTS 5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	,	V (2)	+ R (2)	·	•						
	Method of as	ssessment	a) written examination (approx. 90 to 120 minutes) or									
				b) oral examination of one candidate each (approx. 30 minutes) or								
					oups (groups of 2, approx. 30 minutes per candidat	e) 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								
			form									
					students about this by four weeks prior to the origin	nal examination	date at the latest.					
					: German and/or English							
	other prereq				on committee required.							
11-EXT6-161-mo1	Current Topi											
	ECTS 6	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method of as	Nethod of assessment a) 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								
				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 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.									
	other prereq	uisites										
11-EXT7-161-m01	Current Topi					,						
	ECTS 7	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method of as	ssessment			pprox. 90 to 120 minutes) or							
					e candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candidat	a) ar						
				oject report (approx.		e) 01						
		e) presentation/talk (approx. 30 minutes) If a written examination was chosen as method of assessment, this may be changed and assessment may instead to										
					on of one candidate each or an oral examination in							
					students about this by four weeks prior to the origir : German and/or English	nai examination	date at the latest.					
	other prereq	uicites			on committee required.		_					
	Tottlet bieled	4131103	Lyphi	- CAUTHOUT CAUTHITALI	on committee required.							

11-EXT8-161-m01	Current	t Topics	of Theore	tical	Physics							
	ECTS	8	Duration)	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	:S	·	V (4)	+ R (2)	·	•					
	Method	d of ass			a) written examination (approx. 90 to 120 minutes) or o) oral examination of one candidate each (approx. 30 minutes) or							
				c) ora	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) a written examination was chosen as method of assessment, this may be changed and assessment may instead take the							
				form	of an oral examinat	tion of one candidate each or an oral examination i	n groups. If the m	ethod of assessment is changed,				
				the le	ecturer must inform	students about this by four weeks prior to the orig	inal examination	date at the latest.				
						t: German and/or English		_				
		rerequi				ion committee required.						
11-EXT6A-161-mo1		_	of Theore		Physics							
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	!S		V (3)	+ R (1)							
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or								
				b) or	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							
				c) ora	at examination in gr oject report (approx	oups (groups of 2, approx. 30 minutes per candida (8 to 10 pages) or	ite) or					
				e) pr	esentation/talk (applox	prox. 30 minutes)						
				If a w	f 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.							
					the fecturer 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 n	rerequi	sites	Approval from examination committee required.								
11-CSAM-161-mo1			ics in Astr			ion committee required.	(
11 65/11/1 101 11/01		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course			V (3)	+ R (1)	5 5		10				
	Method	d of ass			_	approx. 90 to 120 minutes) or						
				b) or	al examination of o	ne candidate each (approx. 30 minutes) or						
						oups (groups of 2, approx. 30 minutes per candida	ite) or					
					oject report (approx							
					esentation/talk (appointmentation)	prox. 30 minutes) was chosen as method of assessment, this may be	changed and ass	sessment may instead take the				
						tion of one candidate each or an oral examination i						
				the lecturer must inform students about this by four weeks prior to the original examination date at the latest.								
						t: German and/or English						
	other p	rerequi	sites	Appr	oval from examinati	ion committee required.						

11-CSFM-161-m01	Advanc	ed Topi	ics in Soli	d State	e Physics	1						
	ECTS	6	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (3) -	+ R (1)			•				
	Method	d of asso			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,							
				If a w								
					e lecturer must inform students about this by four weeks prior to the original examination date at the latest. nguage of assessment: German and/or English							
	other p	rerequi				tion committee require						
Summer Term 2023		•										
11-CSAM-161-mo1	Advanc	ed Topi	ics in Astr	ophys	ics							
	ECTS	6	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course		_	V (3) -								
	Method	d of asso				(approx. 90 to 120 mir						
				b) ora	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) pro	d) project report (approx. 8 to 10 pages) 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							
					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.							
					lage of assessmer	date at the latest.						
	other p	rerequi			Approval from examination committee required.							
11-CSFM-161-m01	Advand	ed Topi	ics in Soli	d State	e Physics							
	ECTS	6	Duration	1	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						
						one candidate each (ap		andidata) ar				
					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								
				Langu	Approval from examination committee required.							

11-EXE5-161-m01	Current	Current Topics in Experimental Physics											
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	<u> </u>		V (2)	+ R (2)	·							
	Method	of ass	essment	a) wr	a) written examination (approx. 90 to 120 minutes) or								
				b) ora	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) a written examination was chosen as method of assessment, this may be changed and assessment may instead take the orm of an oral examination in groups. If the method of assessment is changed,								
				c) ora									
				form									
				the le	ecturer must inform	students about this by four weeks prior to the orig	inal examination	date at the latest.					
						t: German and/or English							
	other p					ion committee required.	1						
11-EXE6-161-mo1			in Experi		l Physics								
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S			+ R (1)								
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or									
				b) ora	oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or								
				c) ora	n examination in gi oject report (approx	Oups (groups of 2, approx. 30 minutes per candida (. 8 to 10 pages) or	ite) or						
				e) pro	esentation/talk (ap	prox. 30 minutes)							
				If a w	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 i							
					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-EXE6A-161-mo1			in Experi				1						
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (3)	+ R (1)								
	Method	d of ass				approx. 90 to 120 minutes) or							
						ne candidate each (approx. 30 minutes) or							
						roups (groups of 2, approx. 30 minutes per candida k. 8 to 10 pages) or	ite) or						
					esentation/talk (ap								
						was chosen as method of assessment, this may be	e changed and as	sessment may instead take the					
				form	of an oral examina	tion of one candidate each or an oral examination i	in groups. If the m	ethod of assessment is changed,					
				the lecturer must inform students about this by four weeks prior to the original examination date at the latest.									
						t: German and/or English							
	other p	rerequi	sites	Appr	oval from examinat	ion committee required.							

11-EXE7-161-mo1	Current Topic	s in Experi	menta	l Physics							
	ECTS 7	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)	·	•					
	Method of as	sessment	a) written examination (approx. 90 to 120 minutes) or								
				b) oral examination of one candidate each (approx. 30 minutes) or							
			c) ora	ıl examination in gro	oups (groups of 2, approx. 30 minutes per candidate	e) or					
			a) pro	d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes)							
						changed and as	sessment may instead take the				
			form	f 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 le	ecturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.				
					: German and/or English	,					
	other prerequ				on committee required.						
11-EXE8-161-mo1	Current Topic			l Physics							
	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (4)	+ R (2)							
	Method of as	Method of assessment a) 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							
						e) 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 chan 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								
		.:.:									
EVD.	other prerequ			oval from examination	on committee required.						
11-EXP6-161-m01	Current Topic			_		1					
	ECTS 6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		_	+ R (1)							
	Method of as	sessment			pprox. 90 to 120 minutes) or						
					e candidate each (approx. 30 minutes) or pups (groups of 2, approx. 30 minutes per candidate	o) or					
				oject report (approx.		e) 01					
				esentation/talk (app							
			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 ch									
					students about this by four weeks prior to the origin	nal examination	date at the latest.				
	oth or	icitos			: German and/or English						
	other prerequ	usites	Appro	oval from examination	on committee required.						

11-EXP6A-161-m01	Curren	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	essment	a) wr	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							
				c) ora								
) project report (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							
				form	of an oral examinat	ion of one candidate each or an oral examination i	n groups. If the m	ethod of assessment is changed,				
				the le	ecturer must inform	students about this by four weeks prior to the orig	inal examination	date at the latest.				
						t: German and/or English						
		rerequi				ion committee required.						
11-EXT5-161-m01			of Theore		Physics							
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	:S		V (2)	+ R (2)							
	Method	d of ass	essment	a) wr	a) written examination (approx. 90 to 120 minutes) or							
				b) or	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							
				c) ora	al examination in gr oject report (approx	oups (groups of 2, approx. 30 minutes per candida	ite) or					
				e) pr	esentation/talk (applox	orox. 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							
İ	- 41		-14	Approval from examination committee required.								
EVE (rerequi				ion committee required.	1					
11-EXT6-161-m01			of Theore		1		1					
<u> </u>	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (1)							
	Method	d of ass	essment			approx. 90 to 120 minutes) or						
						ne candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candida	uta) ar					
					oject report (approx		ite) oi					
					esentation/talk (ap							
				If a w	ritten examination	was chosen as method of assessment, this may be						
						ion of one candidate each or an oral examination i						
						students about this by four weeks prior to the orig	inal examination	date at the latest.				
	- 41-		-14			t: German and/or English						
	otner p	rerequi	sites	Appr	oval from examinati	on committee required.						

11-EXT6A-161-m01	Current Top	ics of Theor	etical	Physics							
	ECTS 6	Duratio	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	 ,	V (3)	+ R (1)							
	Method of a	ssessment	a) written examination (approx. 90 to 120 minutes) or								
				b) oral examination of one candidate each (approx. 30 minutes) or							
			c) ora	al examination in gro	oups (groups of 2, approx. 30 minutes per candidate	e) or					
			e) pre	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 le	ecturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.				
	other prerec	···isitos			: German and/or English on committee required.						
11 FVT= 161 mag.	•	•			on committee required.						
11-EXT7-161-m01	Current Top				Made defending land and all and a	NA - J. J. J J	Laws ducks				
	ECTS 7	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (1)							
	Method of a	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) pro	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 prerec	quisites	Approval from examination committee required.								
11-EXT8-161-m01	Current Top	ics of Theor	etical	Physics		"					
	ECTS 8	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (2)		,					
	Method of a	ssessment			pprox. 90 to 120 minutes) or						
					e candidate each (approx. 30 minutes) or pups (groups of 2, approx. 30 minutes per candidate	o) or					
				oject report (approx.		e) 01					
		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									
					on of one candidate each or an oral examination in						
					students about this by four weeks prior to the origir : German and/or English	iai examination	date at the latest.				
	other prerec	nuisites			on committee required.						
	other piciet	14131103	, whhi	- CAUTHOUT CAUTHITALIC	on committee required.						

Winter Term 2023								
11-EXE5-161-m01	Current Topics in Exp	erimental Physics						
	ECTS 5 Dura		Method of grading numerical grade	Modul level	graduate			
	Courses	V (2) + R (2)						
	Method of assessme	b) oral examination of on c) oral examination in grod) project report (approx. e) presentation/talk (applf a written examination v form of an oral examination the lecturer must inform series.	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 prerequisites	Approval from examination	on committee required.					
11-EXE6-161-mo1	Current Topics in Exp	erimental Physics						
	ECTS 6 Dura	ion 1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses	V (3) + R (1)						
		c) oral examination in group d) project report (approx. e) presentation/talk (apple of a written examination we form of an oral examination the lecturer must inform the language of assessments.	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 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	on committee required.					
11-EXE7-161-m01	Current Topics in Exp			Tag. 1 11 1	<u>, , , </u>			
	ECTS 7 Dura		Method of grading numerical grade	Modul level	graduate			
	Courses Method of assessme	a) written examination (a b) oral examination of on c) oral examination in gro d) project report (approx. e) presentation/talk (app If a written examination v form of an oral examinati the lecturer must inform s Language of assessment	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 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	on committee required.					

11-EXE8-161-mo1	Current	Current Topics in Experimental Physics												
	ECTS	8	Duration	n n	1 semester	Method of grading numerical grade	Modul level	graduate						
	Courses	5		V (4)	+ R (2)									
	Method	l of ass	essment	a) written 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 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									
				If a w										
						students about this by four weeks prior to the ot: German and/or English	original examination	date at the latest.						
	other p	rorogui	citos			ion committee required.								
11-EXE6A-161-mo1						ion committee required.								
11-EXE6A-161-M01					al Physics	Mathad of and discretization and and	[AA a dud lawal	Lava durata						
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate						
	Courses				+ R (1)									
	Method	l of ass	essment	ent 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) pr) 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 change									
				If a w										
				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.										
	other p	rerequi	sites											
11-EXP6-161-mo1	Current	Topics	in Physik	(
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate						
	Courses	S		V (3)	+ R (1)									
	Method	l of ass	essment	a) wr	itten examination (a	approx. 90 to 120 minutes) or								
						ne candidate each (approx. 30 minutes) or	1:1-4-1							
						roups (groups of 2, approx. 30 minutes per cand	didate) 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 tak form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is continuous.												
						students about this by four weeks prior to the ot: German and/or English	original examination	date at the latest.						
	other p	rorogui	citos			ion committee required.		-						
	other p	rerequi	31162	whhi		ion committee required.								

11-EXP6A-161-m01	Current	t Topics	s in Physil	(
	ECTS	6	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		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) ora	al examination in gro	oups (groups of 2, approx. 30 minutes per candidat	e) or				
				a) pro	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	form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,						
				the le	cturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.			
						German and/or English					
	other p					on committee required.	-				
11-EXT5-161-m01			of Theore		T .	1					
		5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course				+ R (2)						
	Method	d of ass	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						
					f) project report (approx. 8 to 10 pages) or						
				e) pre	esentation/talk (app	rox. 30 minutes)					
				If a w	ritten examination w	vas chosen as method 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						
	other p	reregui	isites	Approval from examination committee required.							
11-EXT6-161-mo1			s of Theore			on committee required.					
II EXTO IOI MOI		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course		- a. a		+ R (1)	mamorial grading mamorial grade	1110001110101	13.4444			
			essment		-	pprox. 90 to 120 minutes) or	,				
		. 0. 000				e candidate each (approx. 30 minutes) or					
						oups (groups of 2, approx. 30 minutes per candidat	e) or				
					oject report (approx.						
					esentation/talk (app		changed and acc	cossment may instead take the			
			If a written examination was chosen as method of assessment, this may be changed and assessment may instead t 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.						
						: German and/or English					
	other p	rerequi	isites	Appro	oval from examination	on committee required.					
			1	_ ' '		1					

11-EXT7-161-mo1	Current Topic	s of Theore	etical	Physics								
	ECTS 7	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (3)	+ R (1)	•							
	Method of as:	sessment	a) wr	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	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 le	ecturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.					
	other prerequ	icitos			German and/or English on committee required.							
11-EXT8-161-m01					on committee required.							
11-EX 18-161-M01	Current Topic			1	Mathada fawadin a lawadin a lawada	Madulland	Lawa di cata					
	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (2)			_					
	Method of ass	sessment	a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or									
				oral examination in groups (groups of 2, approx. 30 minutes per candidate) or								
			d) pro	f) 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 prerequ	isites	Approval from examination committee required.									
11-EXT6A-161-m01	Current Topic	s of Theore	etical	Physics		'						
	ECTS 6	Duration	ı	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (3)	+ R (1)		,						
	Method of as:	sessment			pprox. 90 to 120 minutes) or							
					e candidate each (approx. 30 minutes) or	`						
				al examination in gro oject report (approx.	ups (groups of 2, approx. 30 minutes per candidate	e) or						
				esentation/talk (app								
			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									
			the lecturer must inform students about this by four weeks prior to the original examination date at the latest.									
	a the annual and a second	:-:+			German and/or English							
	other prerequ	isites	Appro	oval from examination	on committee required.							

11-CSAM-161-m01	Advance	ed Topi	cs in Astr	ophys	ics								
	ECTS	6	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			V (3)	+ R (1)			,					
	Method	of 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								
				c) ora									
				If a w									
									ethod of assessment is changed,				
						n students about this nt: German and/or En	by four weeks prior to the	e original examination	date at the latest.				
	other prerequisites					tion committee requi			-				
11-CSFM-161-m01		•			e Physics	Tion committee requi	cu.	,	···				
	ECTS		Duration		1 semester	Method of grading	g numerical grade	Modul level	graduate				
	Courses		<u>'</u>	V (3)	+ R (1)			•					
	Method	of asse	essment	a) wr	written examination (approx. 90 to 120 minutes) or								
					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)									
				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 pr	ereanic		Approval from examination committee required.									
Summer Term 2024		crequis	sites	7,661	Approvat from examination committee required.								
11-EXE5-161-m01		Topics	in Experi	menta	ıl Physics								
		5	Duration		1 semester	Method of grading	g numerical grade	Modul level	graduate				
	Courses			V (2)	+ R (2)								
	Method	of asse	essment	a) wr	itten examination	(approx. 90 to 120 mi	nutes) or						
				b) ora	al examination of o	one candidate each (a	pprox. 30 minutes) or						
							pprox. 30 minutes per car	ndidate) or					
						x. 8 to 10 pages) or oprox. 30 minutes)							
							od of assessment, this m	nay be changed and ass	sessment may instead take the				
				form	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.									
	.1				anguage of assessment: German and/or English Approval from examination committee required.								
	other pro	erequis	sites	Appro	oval from examina	tion committee requi	rea.						

11-EXE6-161-mo1	Current Top	ics in Experi	menta	l Physics		,						
	ECTS 6	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	•	V (3)	+ R (1)	•	•						
	Method of a	ssessment	a) wr	a) written examination (approx. 90 to 120 minutes) or								
			b) ora	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								
			a) pro	d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes)								
				a written examination was chosen as method of assessment, this may be changed and assessment may instead take the								
			form	orm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,								
			the le	ecturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.					
					: German and/or English							
	other prerec	<u> </u>			on committee required.							
11-EXE7-161-mo1	Current Top			ıl Physics								
	ECTS 7	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method of a	ssessment	a) 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								
				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 latest the lates								
				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 prerec	nnicitos	Approval from examination committee required.									
11-EXE8-161-mo1	Current Top	<u> </u>			on committee required.							
11-LXLO-101-IIIO1	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	Duration		+ R (2)	Method of grading numerical grade	Modul level	graduate					
		ccoccmont			approx. 90 to 120 minutes) or							
	Method of a	356551116111			ne candidate each (approx. 30 minutes) or							
					oups (groups of 2, approx. 30 minutes per candidat	e) or						
			d) pro	oject 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 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 prerec	quisites			on committee required.							
	, , , , , , , , , , , , , , , , , , , ,		<u> </u>	-	·							

11-EXE6A-161-m01	Current	Current Topics in Experimental Physics												
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate						
	Course	s S		V (3)	+ R (1)	·	•							
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or										
				b) 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									
				c) ora										
					l) project report (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									
						ion of one candidate each or an oral examination is								
				the le	ecturer must inform	students about this by four weeks prior to the origi	nal examination	date at the latest.						
						: German and/or English								
	other p			<u> </u>	oval from examinati	on committee required.		,						
11-EXP6-161-m01			in Physik			<u> </u>								
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate						
	Course				+ R (1)									
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or										
				b) 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									
				c) ora	al examination in gr	oups (groups of 2, approx. 30 minutes per candida	te) or							
				e) pr	d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes)									
				If a w	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.									
	other p	rorogui	sitos	Language of assessment: German and/or English Approval from examination committee required.										
11-EXP6A-161-m01						on committee required.								
11-EAPOA-101-11101			in Physik		1	Markland of any time I amends	Mandad Inval	Laws divists						
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate						
	Course				+ R (1)									
	Method	or ass				approx. 90 to 120 minutes) or ne candidate each (approx. 30 minutes) or								
						oups (groups of 2, approx. 30 minutes) of	te) or							
					oject report (approx		(2)							
				e) pro	esentation/talk (app	prox. 30 minutes)								
						was chosen as method of assessment, this may be								
				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	rorogui				on committee required.		-						
	other p	rerequi	31163	whhi		on committee required.								

11-EXT5-161-m01	Current Topic											
	ECTS 5	Duration		Method of grading numerical grade	Modul level	graduate						
	Courses	·	V (2) + R (2)									
	Method of as	sessment	a) written examination (approx. 90 to 120 minutes) or									
			o) 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)								
			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,								
				orm students about this by four weeks prior to the nent: German and/or English	original examination	date at the latest.						
	other preregi	uicitoc		nation committee required.		-						
11-EXT6-161-mo1	<u> </u>		etical Physics	mation committee required.								
II-LX10-101-III01	ECTS 6	Duration		Method of grading numerical grade	Modul level	graduate						
	Courses	Duration	V (3) + R (1)	Method of glading humeneat glade	Modulitevel	graduate						
		caccmant		on (approx. 90 to 120 minutes) or		_						
	Method of as	36331116111	b) oral examination (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 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 prerequ		Approval from examination committee required.									
11-EXT7-161-m01		-	etical Physics									
	ECTS 7	Duration		Method of grading numerical grade	Modul level	graduate						
	Courses		V (3) + R (1)									
	Method of as	sessment	a) written examination	on (approx. 90 to 120 minutes) or								
				of one candidate each (approx. 30 minutes) or n groups (groups of 2, approx. 30 minutes per can	didata) or							
				prox. 8 to 10 pages) or	luluate) oi							
			e) presentation/talk									
	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 assessment										
			the lecturer must inform students about this by four weeks prior to the original examination date at the la Language of assessment: German and/or English									
	other prerequ	uisites		nation committee required.		_						
	Janer prorequ		pp.orat nom exami									

11-EXT8-161-m01	Current T	Topics of The	oretical	Physics								
	ECTS 8	3 Durat	ion	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (4)	+ R (2)								
	Method o	of assessmer	it a) w	a) written examination (approx. 90 to 120 minutes) or								
			b) or	oral examination of one candidate each (approx. 30 minutes) or oral examination in groups (groups of 2, approx. 30 minutes per candidate) or								
						e) or						
) project report (approx. 8 to 10 pages) or) presentation/talk (approx. 30 minutes)								
			If a v	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 l	ne 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								
					on committee required.							
FVT(A . (erequisites			on committee required.							
11-EXT6A-161-mo1		Topics of The			I AA akka da Carra Kara Larra da ahara da	AA = al., 1 = = 1	Lawadaata					
	ECTS 6	5 Durat		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method	of assessmer	it 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								
			d) pr) 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 pre	erequisites	Appı	Approval from examination committee required.								
11-CSAM-161-mo1	Advance	d Topics in A	strophy	sics								
	ECTS 6	6 Durat	ion	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (3)	+ R (1)								
	Method o	of assessmer			approx. 90 to 120 minutes) or							
					ne candidate each (approx. 30 minutes) or	>						
				ai examination in gro oject report (approx	oups (groups of 2, approx. 30 minutes per candidat	e) or						
				esentation/talk (app								
			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 i									
			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									
	o the circum	**************************************										
	other pre	erequisites	Appi	ovat from examinati	on committee required.	_						

11-CSFM-161-m01	Advanced	d Topic	s in Solic	d State	e Physics							
	ECTS 6	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			V (3) -	+ R (1)		,					
	Method o	of asses	ssment	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,							
				If a wi								
				form (
					ne 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 pre	requisi				ion committee required.						
Winter Term 2024	other pre	requisi	103	710010	vat irom examinat	ion committee required.						
11-EXE5-161-m01	Current T	Topics i	n Experir	menta	l Physics							
11 2/12/10101	ECTS 5		Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			V (2) -	+ R (2)	5 5		10				
	Method o	of asses			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.								
	- 4 11 - 11 -			Language of assessment: German and/or English Approval from examination committee required.								
11-EXE6-161-mo1	other pre			<u> </u>		ion committee required.						
11-EXE6-161-M01	Current T ECTS 6		Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	,		V (3) -		Method of grading numerical grade	Modul level	graduate				
		of occor				approx. 90 to 120 minutes) or						
	Method C	Ji asses				ne candidate each (approx. 30 minutes) or						
						oups (groups of 2, approx. 30 minutes per candida	ate) 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								
						students about this by four weeks prior to the original						
İ	other pre	· ro autici	toc	Language of assessment: German and/or English Approval from examination committee required.								

11-EXE7-161-mo1	Current Topic	s in Experi	menta	l Physics								
	ECTS 7	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	,	V (3)	+ R (1)	·	•						
	Method of as:	sessment	a) written examination (approx. 90 to 120 minutes) or									
			b) ora	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									
			a) pro	project report (approx. 8 to 10 pages) or project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes)								
				f a written examination was chosen as method of assessment, this may be changed and assessment may instead take the								
			form	orm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,								
			the le	he lecturer must inform students about this by four weeks prior to the original examination date at the latest.								
	.1	• •.			German and/or English							
	other prerequ		<u> </u>		on committee required.							
11-EXE8-161-mo1	Current Topic			<u> </u>	1							
	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (2)								
	Method of as:	sessment	a) 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								
			e) pre	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.								
				the fecturer 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 prerequ	isites	Approval from examination committee required.									
11-EXE6A-161-mo1	Current Topic		- ' '									
	ECTS 6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (3)	+ R (1)		•						
	Method of as:	sessment			pprox. 90 to 120 minutes) or							
					e candidate each (approx. 30 minutes) or	`						
				l examination in gro oject report (approx.	oups (groups of 2, approx. 30 minutes per candidate	e) or						
				esentation/talk (app								
			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									
			the lecturer must inform students about this by four weeks prior to the original examination date at the latest.									
	.1	,			: German and/or English							
	other prerequ	isites	Appro	ovai from examinatio	on committee required.							

11-EXP6-161-mo1	Current	t Topics	in Physik	(,					
	ECTS	6	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (3)	+ 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 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							
					orm of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed,							
				the le	ecturer must inform s	students about this by four weeks prior to the origin	nal examination	date at the latest.				
	.1					German and/or English						
EVD (A. (other p				oval from examination	on committee required.						
11-EXP6A-161-m01			in Physil		•							
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (1)							
	Method	d of ass	essment	ssment 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							
					oject report (approx.		e) 01					
				e) pre	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-EXT5-161-mo1			of Theore			· ·	1	-				
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (2)							
	Method	d of ass	essment			pprox. 90 to 120 minutes) or						
						e candidate each (approx. 30 minutes) or ups (groups of 2, approx. 30 minutes per candidat	o) or					
					oject report (approx.		e) 01					
					esentation/talk (app							
						vas chosen as method of assessment, this may be						
				form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is cha								
				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	citoc			on committee required.		-				
	Journel h	rerequi	31163	whhi	- Examillation	on committee required.						

11-EXT6-161-mo1	Current Topi	ics of Theor	etical	Physics								
	ECTS 6	Duratio	า	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (3)	+ R (1)		7						
	Method of a	ssessment	a) wr	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	f 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 le	ecturer must inform	students about this by four weeks prior to the origin	nal examination	date at the latest.					
	ath ar prayage	wisitos			: German and/or English on committee required.							
FVT	other prereq				on committee required.							
11-EXT7-161-m01	Current Topi				Markey de Compating and a second and a	AAll l l	Laws divists					
	ECTS 7	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (1)								
	Method of a	ssessment	nent 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) or								
			d) pro	oject report (approx.	. 8 to 10 pages) or	5 , 5 .						
				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 prereq	uisites	Approval from examination committee required.									
11-EXT8-161-mo1	Current Topi	ics of Theor	etical	Physics		'						
	ECTS 8	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			+ R (2)								
	Method of a	ssessment			pprox. 90 to 120 minutes) or							
					ne candidate each (approx. 30 minutes) or oups (groups of 2, approx. 30 minutes per candidate	o) or						
				oject report (approx.		e) 01						
			e) pre	esentation/talk (app	prox. 30 minutes)							
			If a written examination was chosen as method of assessment, this may be changed and assessment may instead t									
			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 lat Language of assessment: German and/or English									
	other prereq	uisites			on committee required.							
	Journal Picied	uisites .	, whi	- CAUTHIALI	on committee required.							

11-EXT6A-161-m01	Current	t Topics	of Theore	tical	Physics							
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (3)	+ R (1)	·	•					
	Method	d of ass	essment	a) wr	a) written examination (approx. 90 to 120 minutes) or							
				b) or	al examination of o	ne candidate each (approx. 30 minutes) or						
				c) ora	al examination in gr	roups (groups of 2, approx. 30 minutes per candida	te) or					
					project report (approx. 8 to 10 pages) or presentation/talk (approx. 30 minutes)							
					e) presentation/talk (approx. 30 minutes) f a written examination was chosen as method of assessment, this may be changed and assessment may instead take the							
				form	of an oral examinat	tion of one candidate each or an oral examination i	n groups. If the m	ethod of assessment is changed,				
				the le	ecturer must inform	students about this by four weeks prior to the orig	inal examination	date at the latest.				
						t: German and/or English						
		rerequi		<u> </u>		ion committee required.						
11-CSAM-161-mo1			ics in Astr	<u> </u>	sics							
	ECTS	6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (3)	+ R (1)							
	Method	d of ass	essment	a) written examination (approx. 90 to 120 minutes) or								
				b) or	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) nr	ai examination in gr oject report (approx	roups (groups of 2, approx. 30 minutes per candida v. 8 to 10 pages) or	te) or					
				e) pr	esentation/talk (ap	prox. 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 n	rerequi	sites	Approval from examination committee required.								
11-CSFM-161-m01					e Physics	ion committee required.		···				
11 cs/m 101 mo1		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ R (1)			0				
	Method	d of ass			_	approx. 90 to 120 minutes) or		-				
				b) or	al examination of o	ne candidate each (approx. 30 minutes) or						
						roups (groups of 2, approx. 30 minutes per candida	te) or					
					oject report (approx							
					esentation/talk (ap	prox. 30 minutes) was chosen as method of assessment, this may be	changed and ac	sessment may instead take the				
						tion of one candidate each or an oral examination i						
				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	Appr	oval from examinat	ion committee required.						

Summer Term 202	5									
11-EXE5-161-m01	Current To	opics in	Experir	menta	l Physics					
	ECTS 5	D	uration		1 semester	Method of grading numerical grade	Modul level	graduate		
	Courses				+ R (2)					
				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 prei					on committee required.				
11-EXE6-161-mo1	Current To									
	ECTS 6	D	uration		1 semester	Method of grading numerical grade	Modul level	graduate		
	Courses Method o				+ R (1)	pprox. 90 to 120 minutes) or				
				form the le Lange	sessment may instead take the ethod of assessment is changed, date at the latest.					
	other prei			Approval from examination committee required.						
11-EXE7-161-mo1	Current T									
	ECTS 7	D	uration		1 semester	Method of grading numerical grade	Modul level	graduate		
	Method o	of assess	sment	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 prei	requisite	es	Appro	oval from examination	on committee required.				

11-EXE8-161-mo1	Current Topics in Experimental Physics										
	ECTS 8 Duration)	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	5		V (4)	+ R (2)		•				
	Method	of asse	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 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			Approval from examination committee required.							
11-EXE6A-161-mo1			in Experi				1				
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses				+ 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 prerequisites			Approval from examination committee required.							
11-EXP6-161-m01	Current Topics in Physik										
		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses				+ R (1)						
	Method	of 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							
	- 4 la - 11 · · · · ·										
	other pr	erequis	sites	Approval from examination committee required.							

11-EXP6A-161-m01	Current Topics in Physik										
	ECTS 6 Duration			า	1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses			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 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-EXT5-161-m01			of Theore		Physics						
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course				+ R (2)						
	Methoc	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) 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 prerequisites			Approval from examination committee required.							
11-EXT6-161-mo1	Current Topics of Theoretical Physics										
11-LX10-101-III01		6	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course		Duration	V (3)		Method of grading humerical grade	Modulitevel	graduate			
						navov oo to to o minutos) ov					
	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 of one candidate each (approx. 30 finitates) of							
				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	Approval from examination committee required.							
L	<u>'</u>		-	<u> </u>		· · · · · · · · · · · · · · · · · · ·					

11-EXT7-161-mo1	Current Topics of Theoretical Physics										
	ECTS 7	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)	•						
	Method of as:	sessment	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.								
	other prerequ	icitos	Language of assessment: German and/or English								
11-EXT8-161-m01			Approval from examination committee required.								
11-EX 18-161-M01	Current Topic			1	Mathada fawadin a lawadin a lawada	Madulland	Lawa di cata				
	ECTS 8	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			+ R (2)			_				
	Method of ass	sessment	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) 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 prerequ	isites	Approval from examination committee required.								
11-EXT6A-161-m01	Current Topics of Theoretical Physics										
	ECTS 6	Duration	ı	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		V (3)	+ R (1)		,					
	Method of as:	sessment	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								
	a the annual and a second	:-:+									
	other prerequ	isites	Approval from examination committee required.								

11-CSAM-161-mo1	Advanced Topics in Astrophysics										
	ECTS 6	Duration	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	V (3)	V (3) + R (1)								
	Method of 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	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.								
	.1		Language of assessment: German and/or English								
	other prerequis		Approval from examination committee required.								
11-CSFM-161-m01	Advanced Topics in Solid State Physics										
	ECTS 6	Duration	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	V (3)	+ R (1)								
	Method of asse	essment a) w	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 ta										
	form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is char										
	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 prerequis	`	Approval from examination committee required.								
	Journel prefequis	App	Approvat nom examination committee required.								