

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Information Systems as a Master's with 1 major with the degree "Master of Science" (120 ECTS credits)

Responsible: Faculty of Business Management and Economics

Examination regulations version: 2022

Abbreviations used: Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V**

= lecture

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

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

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

= list of modules

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

Conventions for the modules in this SFB:

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Information on assessment procedures:

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method 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:

ASP02015

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

27-Apr-2022 (2022-28)

15-Jun-2023 (2023-57)

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		,							
	ECTS	I	Duration	(in semesters)	Method of grading		Module level			
	Courses		To be spe	To be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y						
	Method of as	sessme	ent							
	Only after succompletion o		l if applica	fapplicable						
	Other prereq	uisites	if applica	if applicable						
	Participants on of places		cati- if applica	if applicable						
	Additional information		on if applica	if applicable						
	Referred to in	ı LPO I	if applica	ble (examination re	gulations for teachin	g-degree programmes)				

Compulsory Course	es (25 EC	TS cred	lits)									
12-IV-161-m01	Informa	tion Pr	ocessing	within	Organizations							
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			V (2) -	+ Ü (2)			·				
	Method of assessment			Langu	written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus							
12-M-ITM-161-m01	IT-Mana	agemer	nt					,				
	ECTS 5 Duratio			า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			V (2) -	+ Ü (2)	•						
	Method	l of ass	essment	2: app Langu) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of : approx. 20 minutes; groups of 3: approx. 30 minutes) anguage of assessment: German and/or English reditable for bonus							
12-PS-192-m01	Project Seminar											
	ECTS 15 Duratio			า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			S (2)	,	•			·			
	Method of assessment			project: preparing a conceptual design (approx. 150 hours), designing and implementing an approach to solution (approx. 300 hours) as well as presentation (approx. 20 minutes), weighted 1:2:1 Language of assessment: German, English Creditable for bonus								
Compulsory Electiv	es I: Fun	damen	tals Comp	uter S	cience (10 ECTS cro	edits)						
10-l=IR-212-m01	Informa	tion Re	etrieval									
	ECTS	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	5		V (2) -	+ Ü (2)			,				
	Method	of ass	essment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English								
	Additional Information			Focus	es available for stu	udents of the Master's	programme Informat	ik (Computer Science, 12	o ECTS credits): IT,KI,HCI,GE			

		Socurity of Software Systems											
10-l=SSS-212-m01		y of Sol	<u> </u>										
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S			$V(2) + \ddot{U}(2)$								
				Module taught in: English									
	Method	d of ass	essment	written examination (approx. 60 to 120 minutes).									
				If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination									
				date)	of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate)								
					table for bonus								
				Langu	uage of assessmen	t: English							
	Additio	nal Info	rmation	Focus SEC	ses available for stu	udents of the Master's programme Informatik (Co	omputer Science, 120	o ECTS credits): SE,KI,LR, HCI, ES,					
10-I=SAR-161-m01	Softwa	re Archi	itecture				,						
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (2)	+ Ü (2)	·							
	Method	of ass	essment	writte	n examination (ap	prox. 60 to 120 minutes).							
				If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination									
					of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate).								
					Language of assessment: German and/or English								
				creditable for bonus									
					Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,ES								
10-l=Kl1-212-m01	Artificia	al Intell	igence 1				ľ						
	ECTS	5	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (2)	+ Ü (2)		•						
	Method	of ass	essment			prox. 60 to 120 minutes).							
						turer at the beginning of the course, the written e							
					of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate).								
				creditable for bonus									
						t: German and/or English							
	Additional Information					udents of the Master's programme Informatik (Co	omputer Science. 120	o ECTS credits): AT,SE,KI,HCI					
			_			1 0		, , , , -					

10-I=ST-212-m01	Discret	e Event	Simulation	on				-			
	ECTS	8	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (4)	+ Ü (2)		,				
	Method of assessment			If ann of one date) credit	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English						
	Additional Information			Focus IT,KI,I		dents of the Master's programme Informatik (Comp	uter Science, 12	o ECTS credits):			
10-I=APR-212-m01		ed Prog	gramming								
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course		_		$V(2) + \ddot{U}(2)$						
	Method of assessment			If ann of one date) credit	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English						
	Additional Information			Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,KI,LR, HCI, ES,GE,SEC							
10-I-DM-152-m01	Data M	ining									
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course				V (2) + Ü (2)						
	Method of assessment			If ann of one date) Langu	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Referre	d to in	LPO I	§ 22 l	l Nr. 3b						

10-I=NLP-212-m01	Machine	Learning for Na	tural Language Process	sing							
	ECTS	5 Duration	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (2) + Ü (2)	·							
	Method	of assessment	If announced by the led	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi-							
			ate). reditable for bonus anguage of assessment: German and/or English								
	Addition	al Information	Focuses available for st	tudents of the Master's programme Informatik (C	Computer Science, 12	o ECTS credits): AT,KI,HCI					
10-l=Kl2-212-m01	Artificial	Intelligence 2									
	ECTS	5 Duration	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (2) + Ü (2)		<u>^</u>						
			written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English								
	Addition	al Information	Focuses available for st	tudents of the Master's programme Informatik (C	Computer Science, 12	o ECTS credits): AT,SE,KI,HCI,GE					
10-I=PNN-212-m01	Programming with neural nets										
	ECTS	5 Duration	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (2) + Ü (2)								
	Method	of assessment	If announced by the led of one candidate each date). creditable for bonus	oprox. 60 to 120 minutes). Eturer at the beginning of the course, the written (approx. 20 minutes) or an oral examination in g nt: German and/or English							
	Addition	al Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IT,KI,HCI,GE								
10-l=STM-162-m01	NLP and	Text Mining									
	ECTS	5 Duration	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (2) + Ü (2)		·						
			written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English								
	Addition	al Information	Focuses available for st	tudents of the Master's programme Informatik (C	Computer Science, 12	o ECTS credits): AT, IT, HCI.					

10-l=SB-212-m01	Systems	Systems Benchmarking												
	ECTS 5	5 Di	uration		1 semester	Method of grading numerical grade	Modul level							
	Courses			V (2) +	+ Ü (2)									
	Method o	of assess		If ann of one date). credit	vritten examination (approx. 60 to 120 minutes). f announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candilate). reditable for bonus anguage of assessment: German and/or English									
	Addition	al Informa	ation	Focus		dents of the Master's programme Informatik (Cor	mputer Science, 120	o ECTS credits):						
10-xtAl=CV-202-	Compute	r Vision												
mo1	ECTS 5	5 Di	uration		1 semester	Method of grading numerical grade	Modul level	graduate						
	Courses				+ Ü (2) le taught in: Englis	h								
	Method o	of assess		If ann of one date).	Vritten examination (approx. 60 to 120 minutes) fannounced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examinat f one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per can late). anguage of assessment: English freditable for bonus									
10-l=IP-222-m01	Image Pr	Image Processing and Computational Photography												
	ECTS 5	5 Di	uration		1 semester	Method of grading numerical grade	Modul level							
	Courses			V (2) + Ü (2) Module taught in: English										
	Method of assessment			written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examone candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes pate). Language of assessment: English Creditable for bonus										
10-l=M-	Multiling													
NLP-232-m01	ECTS 5	5 Di	uration		1 semester	Method of grading numerical grade	Modul level	graduate						
	Courses			V (2) + Ü (2) Module taught in: German and/or English										
	Method of assessment			If ann of one date).	ritten examination (approx. 60 to 120 minutes) announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination f one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi- ate). anguage of assessment: English reditable for bonus									

10-I=SNA-232-m01	Statistical Network Analysis												
	ECTS 5	Duration	1 semester	Method of grading numerical grade	Modul level	graduate							
	Courses		$V(2) + \ddot{U}(2)$										
			Module taught in: English										
	Method of ass		written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate).										
			Language of assessmer creditable for bonus	nt: German and/or English									
	Additional Info		Focuses available for st IN	udents of the Master's programme Informatik (Computer Science, 12	o ECTS credits):							
10-I=OR-232-mo1													
	ECTS 5	Duration	1 semester	Method of grading numerical grade	Modul level	graduate							
	Courses		V (2) + Ü (2) Module taught in: German and/or English										
	Method of ass		written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus										
	Additional Info	ormation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN										
10-l=MLN1-232-	Machine Learning for Networks 1												
mo1	ECTS 5	Duration	1 semester	Method of grading numerical grade	Modul level								
	Courses		V (2) + Ü (2) Module taught in: Engli	sh									
			written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus										
	Additional Info	ormation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,IT,SE,KI,HCI,IN										

10-l=DM-232-m01	Data Science											
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			V (2) -	$V(2) + \ddot{U}(2)$							
				If ann of one date). Langu credit	ounced by the lecture candidate each (ap a candidate each (ap age of assessment: able for bonus	prox. 20 minutes) or German and/or Engl	of the course, the writt an oral examination i ish	n groups of 2 candidates	replaced by an oral examination s (approx. 15 minutes per candi-			
	Additional Information Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IT,KI,HCI,GE											
	Compulsory Electives II: Tracks (40 ECTS credits) Out of the five tracks, students may select two.											

12-GPU-222-m01	Busine	ess Softv	ware 1									
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	es		V (2) +	V (2) + Ü (2)							
	Metho	d of ass	essment	b) ora or c) terr Langu Asses	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minute or c) term paper (15 to 20 pages) Language of assessment: German and/or English Assessment offered: Once a year, winter semester creditable for bonus							
		pants ar of place		(1) Ma (2) Th (3) Wh	d the number of app ester's students of In e remaining places v nen places are alloca	formation Systems will be allocated to stated in accordance w	number of available places, pl vill be given preferential consid tudents of other subjects. ith (1) and (2) and the number applicants from this group.	leration.	exceeds the number of available			

12-M-ERP-222-m01	Busine	ss Soft	ware 2		1						
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		V (2)	+ Ü (2)	<u> </u>		'	•		
	Method	d of ass	essment	prox. credi langı	written examination (approx. 60 minutes) or oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) or term paper (15 to 20 pages) creditable for bonus language of assessment: German and/or English assessment offered: Once a year, summer semester						
	Particip cation			20 pl Shou (1) M (2) Th (3) W	o places. hould the number of applications exceed the number of available places, places will be allocated as follows: 1) Master's students of Information Systems will be given preferential consideration. 2) The remaining places will be allocated to students of other subjects. 3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available laces, places will be allocated by lot among applicants from this group.						
12-M-ES-161-m01	Advanc	ed Sem	inar: Ente	erprise	Systems			,			
	ECTS	10	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2)	(2)						
	Method of assessment			term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English							
	Participants and allo- cation of places			20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
Track 2: Business A	Analytics	s (20 EC	TS credits	5)							
12-M-DSS-192-	Decisio	n Supp	ort Syste	ms							
mo1	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	s S		V (2)	+ Ü (2)						
				b) or minu Cred	a) Written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) Creditable for bonus Language of assessment: German and/or English						
	Participants and allocation of places			40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Information Systems will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.							

12-BI-192-m01	Analyti	Analytical Information Systems											
ĺ	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (2)	+ Ü (2)			,					
	Method	of asse	essment			pprox. 60 Minutes)							
					itable for bonus	nt: German and/or Eng	rlish						
	Particip			40 pl	Applaces. WM1: Should the number of applications exceed the number of available places, places will be allocated as follows: WM2) Master's students of Information Systems will be given preferential consideration. WM3) The remaining places will be allocated to students of other subjects. WM3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available blaces, places will be allocated by lot among applicants from this group.								
	cation	эт ріасе	25	Shou 1) Ma (2) Th (3) W									
12-M-BUA-161-m01	Busine	ss Analy	ytics										
	ECTS	10	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		S (2)				•					
	Method	l of asse	essment	Asse	term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English								
	Particip cation (20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.									
Track 3: Electronic I	Busines	s (20 E(CTS credit	s)									
12-M-IBS-192-m01	E-Busin	iess Str	rategies										
[ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course			`	+ Ü (2)								
	Participants and allocation of places			b) or minu Cred	a) Written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: appro minutes) or Creditable for bonus Language of assessment: German and/or English								
				40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Information Systems will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.									

12-M-MUS-222-	Mobile	and Ul	biquitous	Busine	ess	_	, <u> </u>					
mo1	ECTS	5	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	!S	·	Ü (2)	$\dot{J}(2) + V(2)$							
	Metho	d of ass	sessment	2: ap Lang	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English Exercitable for bonus							
12-M-SE-	Semina	Seminar: E-Business Strategies										
BS-161-mo1	ECTS 10 Duratio			1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	!S		S (2)								
	Metho	d of ass	sessment	Asse	term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English							
		pants a of place	nd allo- es	all ap	20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
Track 4: Global Op	erations	and In	formation	Mana	gement (20 ECTS	credits)						
12-M-UGF1-182-	Corporate Entrepreneurship											
mo1	ECTS	5	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	!S			+ Ü (2) ıle taught in: Engl	ish						
	Method of assessment				itten examination (approx. 10 to 15 I uage of assessme	(approx. 60 to 120 minutes) or b) term paper (minutes) or oral examination in groups (groups nt: English	15 to 20 pages) or c) ora s of 2 approx. 20 minute	al examination of one candicate es, groups of 3 approx. 30 minu-				
12-M-UGF3-182-	Digital	Entrep	reneurshi	p			'					
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	!S			+ Ü (2) ıle taught in: Engl	ish						
	Method of assessment			a) written examination (approx. 60 to 120 minutes) or b) log (15 to 20 pages) or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: English								

12-M-SAS-182-m01	Advanc	Advanced Seminar: Entrepreneurship and Management												
	ECTS	10	Duratio	n .	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S		S (2)										
				Asses	erm paper (approx. 20 pages) and presentation (15 to 30 minutes), weighted 2:1 ssessment offered: Once a year, winter semester anguage of assessment: German and/or English									
		Participants and allo- cation of places			20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.									
Track 5: Operations	s Manag	ement	(20 ECTS	credits)									
12-M-GL-	Global	Logisti	cs & Supp	ly Cha	in Management									
SC-182-m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	Courses			V (2) + Ü (2) Module taught in: English									
	Method of assessment			Langu	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus									
12-M-AOLM-182-	Advanced Operations & Logistics Management													
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			V (2) + Ü (2) Module taught in: English										
	Method	d of ass	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus										
12-M-SN-161-m01	Semina	ar: Opei	ations Ma	anager	ment									
	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S		S (2)										
	Method of assessment			term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English										

Compulsory Elective	ves III: E	lectives	(15 ECTS	credits	5)							
12-ACSE-161-m01	Adapti	on and	Continuo	ıs Syst	em Engineering							
	ECTS	5	Duratio	n	1 semester	Method of grading numerical gra	ade	Modul level	graduate			
	Course	es	· ·	V (2) ·	$(2) + \ddot{U}(2)$							
	Metho	Method of assessment			written examination (approx. 60 minutes) or b) term paper (approx. 20 pages) or c) oral examination (one candidate each:							
					lage of assessmen	s; groups of 2: approx. 20 minutes; § t: German and/or English	groups of 3: appro	ox. 30 minutes)				
					reditable for bonus							
		pants ar of place		all ap	plicants irrespective	e number of applications exceed the ve of their subjects. (2) Places on all rocedure. (3) A waiting list will be ma	courses of the m	odule with a re	stricted number of places will be			
12-GLP-161-m01	Busine	ess Proc	esses Org	ganisat	ion, Business Soft	ware and Process Industries						
	ECTS	5	Duratio	n	1 semester	Method of grading numerical gra	ade	Modul level	graduate			
	Course	es		V (2) -	+ Ü (2)	•		- 8				
	Method of assessment			Langu	written examination (approx. 60 minutes) Language of assessment: German and/or English Creditable for bonus							
	Participants and allo- cation of places			all ap	20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-ITA-161-m01	Work a	and Info	rmation									
	ECTS	5	Duratio	n	1 semester	Method of grading numerical gra	ade	Modul level	graduate			
	Course	es		V (2)	•	•						
	Metho	d of ass	essment	2: ap	orox. 20 minutes; §	approx. 6o minutes) or b) oral exam groups of 3: approx. 3o minutes) t: German and/or English	ination (one cand	lidate each: app	orox. 15 to 20 minutes; groups of			
12-M-ATW1-161-	Topics	in Busi	ness Info	rmatio	n Systems 1							
mo1	ECTS	5	Duratio	n	1 semester	Method of grading numerical gra	ade	Modul level	graduate			
	Courses			V (2) + Ü (2) Course type: alternatively S instead of V + Ü								
	Method of assessment			weigh 3: app Langu	nted 1:2 or c) oral e prox. 30 minutes)	approx. 6o minutes) or b) presentati xamination (one candidate each: ap t: German and/or English						

12-M-ATW2-161-	Topics	in Busi	ness Infor	matio	n Systems 2		,					
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			V (2) + Ü (2)							
				Course type: alternatively S instead of V + Ü								
				weigh 3: app Langu credit	a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) and written elaboration (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus							
12-M-ISR-192-m01	Informa	ation sy	stems res	search								
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			V (2)	+ Ü (2)							
	Method of assessment			a) Written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) Creditable for bonus Language of assessment: German and/or English								
	Participants and allocation of places			Shou (1) Ma (2) Th (3) W	 40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Information Systems will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of avail places, places will be allocated by lot among applicants from this group. 							
10-l=DB2-212-m01	Databa	ses 2					'					
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2)	+ Ü (2)							
	Method of assessment			written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English								
	Additional Information			Focus	es available for stu	udents of the Master's programme Informa	tik (Computer Science, 12	o ECTS credits): SE,KI,HCI				

10-I=CB-161-m01	Compil	er Cons	truction									
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2)	/ (2) + Ü (2)							
	Method of assessment			If anr of on date) Langu credi	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus							
	Additio	nal Info	rmation	Focus SE,IT,		dents of the Master's programme Informatik (Cor	nputer Science, 120	o ECTS credits):				
10-l=IR-212-m01	Informa	ation Re	etrieval									
	ECTS	5	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2)	+ Ü (2)		*	•				
	Method of assessment			If ann of on date) credi	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English							
	Additio	nal Info	rmation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IT,KI,HCI,GE								
10-l=Kl1-212-m01	Artifici	al Intell	igence 1									
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		$V(2) + \ddot{U}(2)$								
	Method of assessment			written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English								
	Additio	nal Info	rmation	Focus	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,SE,KI,HCI							

10-l=Kl2-212-m01	Artificia	al Intell	igence 2				1					
	ECTS	5	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2) ·	+ Ü (2)							
	Method of assessment			If ann of one date) credit Langu	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English							
			rmation	Focus	es available for stud	dents of the Master's programme Informatik (Co	mputer Science, 120	o ECTS credits): AT,SE,KI,HCI,GE				
10-l=EL-212-m01	E-Learn	ing	,									
	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2) ·	+ Ü (2)							
				written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English								
				Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,KI,HCI,GE								
10-I=PM-212-m01			roject Ma									
	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course		_	V (4)								
	Method of assessment			written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English								
	Additional Information			We recommend completing module 10-I=PRJAK in parallel. Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,KI,ES,LR,HCI,GE								

10-l=A-	Algorit	hms for	Geograp	hic Inf	ormation Systems						
GIS-212-m01	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (2)	+ Ü (2)		-				
	Method	d of ass	essment	If ann of one date) credit	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English						
	Additio	nal Info	rmation	Focus	ses available for stud	dents of the Master's programme Informatik (Comp	outer Science, 12	o ECTS credits): AT,KI,HCI,LR			
10-HCI=RIS-182-	Real-Ti	me Inte	ractive Sy	/stems	i	· · · · · · · · · · · · · · · · · · ·	,				
mo1					1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (2)	(2) + Ü (2)						
	Method of assessment			If ann of one date) Langu	If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information			Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): HCI. Cf. Section 3 Subsection 3 Sentence 8 FSB (subject-specific provisions).							
10-l=LP-212-m01	Logic P	rogram	ming								
	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course		,	` '	+ Ü (2)						
	Method of assessment			written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English							
	Additional Information			Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,SE,IT,KI							

10-I=NLP-212-m01	Machin	e Learı	ning for Na	tural I	Language Processin	g			-			
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	N	Nodul level	graduate			
	Course	S		V (2) ·	+ Ü (2)							
	Method	d of ass	essment	If ann of one date).	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English							
	A d ditio	nal Info	ormation				natile (Camputar	r Coioneo 400	ECTS cradital. AT KI HCI			
10-l=Ml-212-m01	Medica			rocus	es available for stud	dents of the Master's programme Inforn	natik (Computer	Science, 120	D ECTS Credits): AT,KI,FICI			
10-1=1/11-212-11101		5	Duration	.	1 semester	Method of grading numerical grade	l n	Modul level	graduate			
	Course				+ Ü (2)	Method of grading numerical grade	110	nouut level	graduate			
				written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English								
	Additio	mat imic	omation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,KI,HCI,GE								
10-I=PNN-212-m01	Prograi	mming	with neur	al nets								
	ECTS	5	Duration		1 semester	Method of grading numerical grade	N	Nodul level	graduate			
	Course	S		V (2) ·	+ Ü (2)							
	Method	d of ass	essment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English								
	Additional Information			Focus	es available for stud	dents of the Master's programme Inforn	natik (Computer	r Science, 120	ECTS credits): IT,KI,HCI,GE			

10-l=RO1-212-mo1													
	ECTS	8	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			V (4) + Ü (2) Module taught in: English								
	Method	d of asso	essment	If ann of one date) Sepa Langu	written examination (approx. 60 to 90 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Separate written examination for Master's students Language of assessment: English creditable for bonus								
			_		es available for st	tudents of the Master's	programme Informatik	k (Computer Science, 120	ECTS credits): KI,ES,LR,HCI,GE				
10-I=SSS-212-m01		<u> </u>	<u>.</u>					1	1				
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			V (2) + Ü (2) Module taught in: English								
	Method	d of asso	essment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: English									
	Additional Information			Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,KI,LR, HCI, ES, SEC									
10-l=ST-212-m01	Discret	e Event	Simulation	n				'					
	ECTS	8	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (4)	+ Ü (2)				-				
	Method	d of asso	essment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English									
	Additio	nal Info	rmation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IT,KI,ES,GE									

10-l=SAR-161-m01	Softwar	re Archi	tecture		,			, <u> </u>				
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	5		V (2) -	+ Ü (2)				•			
	Method	of asse	essment	If ann	ounced by the lect		of the course, the written		replaced by an oral examination			
				date). Langu	of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,ES							
10-I=STM-162-m01	NLP and	d Text N	Nining			'		'				
	ECTS 5 Durati			1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	5		V (2) -	+ Ü (2)			,				
	Method	of asse	essment	If ann	tten examination (approx. 60 to 120 minutes). Innounced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examina One candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per ca e).							
				Langu	lage of assessment	:: German and/or Eng	lish					
	Addition	nal Info	rmation	Focus	es available for stu	dents of the Master's	programme Informatik (Computer Science, 120	o ECTS credits): AT, IT, HCI.			
10-I=PRJAK-212-	Project - Current Topics in Computer Science											
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	5		P (4)								
	Method	of asse	essment	project report (10 to 15 pages) and presentation of project (15 to 30 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered (Each project is offered one time only. The project will not be repeated; there will not be another project with the same topic. Assessment can, therefore, only be offered for the project offered in the respective semester)								
	Addition	nal Info	rmation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,SE,IT,KI,ES,L-R,HCI,GE								
12-M-IMM-161-m01	Internat	tional N	Marketing									
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	5	•	V (2) -	+ Ü (2)	•		•	•			
	Method	of asse	essment	written examination (approx. 60 minutes) Language of assessment: German and/or English								
12-M-SM-161-m01	Strateg	ic Mark	eting									
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	5	,	V (2) -	+ Ü (2)				-			
	Method of assessment			written examination (approx. 60 minutes) Language of assessment: German and/or English								
Master's with 1 major Info	ormation Sys	stems (202	2)				JMU Würzburg • generated	21-Okt-2023 • exam. reg. data r	ecord 88 j10 - - H 2022 page 21 / 38			

12-M-BE-192-m01	Industr	ial Man	agement 4	4								
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	S		$V(2) + \ddot{U}(2)$								
	Method	d of ass		a) Written examination (approx. 40 to 60 minutes) or b) Presentation (approx. 20 Minutes) and term paper (15 to 20 pages), weighted 1:1 or c) Term paper (30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) Portfolio (approx. 20 pages) Creditable for bonus Language of assessment: German and/or English								
	Particip cation o		S	20 places. (1) A total of 15 places will be allocated to students of the Master's degree programmes Management as well as International Economic Policy. Should the number of applications exceed 15, these places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available. (2) A total of 5 places will be allocated to students of the Master's degree programme Information Systems. Should the number of applications exceed 5, these places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.								
				Module can be taught in form of E Learning course, seminar, workshop etc.								
12-M-LA-182-m01		ial Man	agement 2	2								
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	S		V (2) + Course		oe offered as eLearning	, seminary, workshop, etc.					
	Method	d of ass		a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus								
	Participants and allo- cation of places			20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.								

12-M-SBM-182-	Industr	ial Mar	agement	1				,				
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			+ Ü (2) se type: might also b	oe offered as eLearnir	ng, seminary, workshop,	etc.				
	Method	d of ass	essment	a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus								
	Particip cation			all ap	plicants irrespective	e of their subjects. (2)	Places on all courses of	f the module with a res	ces will be allocated by lot among stricted number of places will be I by lot as they become available.			
12-M-SPM-182-	Industr	ial Mar	agement	3								
mo1	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.							
	Method	d of ass	essment	a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus								
	Particip cation			20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.								
12-M-UA-161-m01	Financi	al State	ement Ana	alysis	and Business Valua	tion						
	ECTS	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2)	+ Ü (2)							
	Method of assessment			written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus								
12-M-CF1-182-m01	Discou	nted Ca	shflow									
	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2)	+ Ü (2)							
	Method of assessment			a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus								

12-M-CF2-182-m01	Portfol	io and (Capital Ma	arket T	heory			-				
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2)	+ Ü (2)	•	•					
	Method of assessment			Langu) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) anguage of assessment: German and/or English reditable for bonus							
12-M-CF3-222-m01	Risk Management											
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2)	+ Ü (2)	·	•					
	Method of assessment			b) ter Langı) written examination (approx. 60 to 90 minutes) or) term paper (approx. 15 pages) anguage of assessment: German and/or English reditable for bonus							
12-M-CF5-182-mo1	Risk m	easurer	ment and risk valuation: Concepts and applications for banks									
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			V (2)	+ Ü (2)	·						
	Method	d of ass	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus								
12-M-SP-161-m01	Econor	nics of 1	Tax Plann	ing			<u>'</u>					
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2)	+ Ü (2)	·	-					
	Method	d of ass	essment									
12-M-STB-161-m01	Tax Ac	countin	g									
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2)	+ Ü (2)							
	Method of assessment		a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English creditable for bonus									

12-M-AO-222-mo1	Incenti	ves in C	rganizati	ons									
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			V (2) + Ü (2) Module taught in: English								
	Method	d of asse	essment	b) ter	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English								
12-M-HRM-222-	Human Resource Management and Industrial Relations												
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			+ Ü (2) ıle taught in: Eng	lish							
	Method	d of asse	essment	b) ter	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English								
		pants an of place		natio mics	There are no restrictions with regard to available places for students of the Master's degree programmes Management, International Economic Policy, Information Systems, Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of available places, these places will be allocated by lot.								
12-M-SAS-182-m01	Advanc	ed Sem	inar: Entr	epren	eurship and Man	agement		'					
	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		S (2)				,					
	Method	d of asse	essment	Asses	ssment offered: O	o pages) and presentati Once a year, winter seme ent: German and/or Eng		eighted 2:1					
		pants an of place		all ap	plicants irrespec	tive of their subjects. (2	e) Places on all courses o	of the module with a res	ces will be allocated by lot among stricted number of places will be I by lot as they become available.				
12-M-UGF2-182-	Corpor	ate Stra	tegy										
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (2) + Ü (2) Module taught in: English									
	Method of assessment			a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candicate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English									

12-M-CIU-222-m01	Change	e Manag	gement				,						
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (2)	+ Ü (2)		•						
	Method	d of ass	essment		a) written examination (approx. 60 minutes) or								
					m paper (approx. 1								
				Langu	nguage of assessment: German and/or English sessment offered: In the semester in which the course is offered								
					editable for bonus								
12-M-INST-182-	Strategic Managerial Accounting												
mo1		5	Duration			Method of grading numerical grade	Modul level	graduate					
	Course			V (2)	+ Ü (2)								
				Langu	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English Creditable for bonus								
12-M-KO-	Coordi	nation,	Budgetin	g and I	ncentives in Organ								
BO-182-mo1	ECTS	5	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S	•	V (2)	+ Ü (2)	•	·						
	Method of assessment			Langi	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus								
12-M-PROM-182-	Project Management and Control												
mo1	ECTS	5	Duratio	า	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		S (2)	•		•						
	Method	d of ass	essment	written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus									
12-M-RE-	Accoun	ting an	d Capital	Marke	ts								
KA-182-m01	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (2)	+ Ü (2)								
	Method of assessment			a) wri Langu credit									
12-M-MA-	Manag	erial An	alytics &	Decisi	on Making								
DM-182-mo1	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (2) + Ü (2) Module taught in: English									
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus									

12-M-SMGS-182-	Strates	Strategic Management of Global Supply Chains												
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S			+ Ü (2) ıle taught in: English	1		,						
	Method of assessment			Langı	written examination (approx 60 minutes) Language of assessment: German and/or English Creditable for bonus									
12-M-SDC-182-	Strates	gic Deci	sions and	Comp	etition									
mo1	ECTS	5	Duratio	on 1 semester Method of grading numerical grade Modul level g				graduate						
	Courses				V (2) + Ü (2) Module taught in: English									
	Method	d of ass	essment	Langi) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) anguage of assessment: English reditable for bonus									
12-M-Tl1-182-m01	Theory	of Indu	strial Org	anizat	tion									
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S			(2) + Ü (2) Nodule taught in: English									
	Method	Method of assessment			a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus									
12-M-WPE-192-	European Competition Policy													
mo1	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			V (2) Module taught in: English										
	Method	d of ass	essment	b) Tei Credi	a) Written examination (approx. 60 to 120minutes) or b) Term paper (15 to 20 pages) Creditable for bonus Language of assessment: English									
		oants ar of place	nd allo- es	There are no restrictions with regard to available places for students of the Master's degree programmes Management national Economic Policy, Information Systems, Wirtschaftsmathematik (Mathematics for Economics) and Chinese and mics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; sho number of applications exceed the number of available places, these places will be allocated by lot.										
12-M-OE1-182-m01	Econon	netrics	1											
	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S		$V(2) + \ddot{U}(2)$ Module taught in: German (winter semester), English (summer semester)										
	Method of assess				a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus									
									Look Hills I - Loo					

12-M-AM-182-m01	Advanced Microeconomics												
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S			V (2) + Ü (2) Module taught in: English								
				Langu) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) anguage of assessment: English reditable for bonus								
12-M-APW1-161-	Selecte	lected Topics in Business Management and Economics 1											
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (2) +	+ Ü (2)								
	Method	d of ass	essment	gy; ap Asses Langu	vritten examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical method approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or presentation (approx. 30 to 45 minutes) essment offered: In the semester in which the course is offered guage of assessment: German and/or English ditable for bonus								
12-M-APW2-161-	Selected Topics in Business Management and Economics 2												
mo1	ECTS 5 Duratio			1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (2) +	+ Ü (2)								
	Method of assessment			a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concept; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus									
12-M-AWI1-161-	Selecte	d Topic	s in Busir	ess In	formation System	S 1							
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			V (2) + Ü (2) Course type: alternatively S instead of V + Ü									
	Method	d of ass	essment	a) written examination (approx. 60 minutes) or b) written examination consisting entirely or partly of multiple/single choice questions (approx. 60 minutes) or c) presentation (15 to 20 minutes) with written elaboration (approx. 20 pages), weighted 1:2 or d) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or e) entirely or partly computerised written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus									

12-M-AWI2-161-	Selecte	ed Topic	cs in Busi	ness In	formation Systems	2						
mo1	ECTS	5	Duratio	n	1 semester	Method of grading r	numerical grade	Modul level	graduate			
	Course	25		V (2) -				`				
					e type: alternatively							
	Method of assessment				a) written examination (approx. 60 minutes) or b) written examination consisting entirely or partly of multiple/single choice							
					uestions (approx. 60 minutes) or c) presentation (15 to 20 minutes) with written elaboration (approx. 20 pages), weighted 1:2 d) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx.							
				30 mi	nutes) or e) entirely	or partly computerised	d written examination (approx		acco, groups or 5. approx			
					anguage of assessment: German and/or English							
14 DM 0 -	Digital Marketing I			credit	reditable for bonus							
12-M-DM1-182- 1 mo1				-		AA-411		1 8 8 1 - 1 1 1	Lauradorata			
	ECTS	5	Duratio		1 semester	Method of grading r	numericai grade	Modul level	graduate			
	Course	!\$			/ (2) + Ü (2) Module taught in: English							
	Method of assessment				a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)							
				anguage of assessment: English reditable for bonus								
12-M-DM2-182-	Digital Marketing II											
mo1	ECTS 5 Duratio				1 semester	Method of grading r	numorical grado	Modul level	graduate			
			Duration			Method of glading 1	iumencat grade	Modul level	graduate			
	Courses				V (2) + Ü (2) Module taught in: English							
	Metho	d of ass	essment				es) or b) term paper (15 to 20	pages)				
						ne semester in which th	ne course is offered					
					Language of assessment: English creditable for bonus							
12-M-EC1-182-m01	E-Com	merce I			1			1				
	ECTS	5	Duratio	n	1 semester	Method of grading r	numerical grade	Modul level	graduate			
	Course	!S		V (2) -		<u>. </u>						
					Module taught in: English							
					a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)							
			Language of assessment: English creditable for bonus									
				crean	CIECUICANIC IOI DOITUS							

			_										
12-M-TDS-222-mo1	Topics in Data Science 1 ECTS 5 Duration 1 semester Method of grading numerical grade Modul level graduate												
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			+ Ü (2) ıle taught in: English	1		•					
	Method	d of ass	essment	a) wri b) ter Langu Asses	tten examination (a m paper (approx. 15 Jage of assessment	pprox. 60 minutes) o	lish						
12-M-BUA-161-mo1	Busine	ss Anal	ytics										
	ECTS	10	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			S (2)					-				
	Method	d of ass	essment	Asses	erm paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 ssessment offered: Once a year, winter semester anguage of assessment: German and/or English								
		oants ar of place		all ap	20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.								
12-M-SE-	Semina	nar: E-Business Strategies											
BS-161-mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		S (2)				<u>'</u>					
	Method	d of ass	essment	Asses	term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English								
		oants ar		all ap	plicants irrespective	e of their subjects. (2)	Places on all courses	of the module with a res	ces will be allocated by lot among stricted number of places will be I by lot as they become available.				
12-M-SN-161-m01	Semina	ar: Opei	rations Ma	anager	ment								
	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		S (2)									
	Method of assessment			Asses	ssment offered: Onc	o 25 pages) and prese e a year, winter seme : German and/or Engl	ster	nutes), weighted 2:1					

12-M-TIF1-182-m01	Topics	in Infor	mation Sy	/stem	S 1									
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S		V (2)	+ Ü (2)									
	Method of assessment			prox. Asse Lang	written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: aprox. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages) ssessment offered: In the semester in which the course is offered anguage of assessment: German and/or English reditable for bonus									
12-M-TIF2-182-m01	Topics	Topics in Information Systems 2												
	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S		V (2)	+ Ü (2)			,	·					
				prox. Asse Lang credi) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: a rox. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages) ssessment offered: In the semester in which the course is offered anguage of assessment: German and/or English reditable for bonus									
12-M-BUC-222-	Communication in Business and Economics													
mo1	ECTS 5 Duratio			1	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			V (2) + Ü (2) Module taught in: English										
	Method of assessment			written examination (approx. 60 minutes) Language of assessment: English creditable for bonus										
12-M-ECC-182-m01	Busine	ss Com	municatio	n in F	rint, Online and S	ocial Media		,						
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S		V (2)	+ Ü (2)			,						
	Method	d of ass	essment	Lang		oprox. 60 minutes) nt: German and/or Eng	rlish							
12-M-VGP-202-	Manag	erial Pr	actice Lec	tures	tures									
m01	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course			S (2)										
	Method of assessment			portfolio (approx. 15 pages) Language of assessment: German and/or English										

12-M-ATDS-222-	Topics	in Data	Science 2	2				'					
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			+ Ü (2)			*					
	88.41				le taught in: English								
	Method	d of ass	essment		a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)								
					anguage of assessment: German and/or English								
					Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus								
12-M-VWP-211-	Econon	nist Pra	ctice Lect	ures				,					
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	urses S (2)											
	Method	d of ass	a) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) or										
				b) ter) term paper (approx. 10 pages) and presentation (approx. 15 minutes); (weighted 2:1) or								
					c) written examination (approx. 60 minutes) Language of assessment: German and/or English								
12-M-EAI-221-m01	Enterp	rise Al		Lange	age of assessment.	German and/or Eng	11511						
12 W L/ ((221 11101		5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	1				
	Course		Baration		+ Ü (2)	metriod or grading	Thameneat grade	moduliteret					
	Method	d of ass	essment			pprox. 60 minutes) o	r		_				
				b) ter	m paper (approx. 15	pages) or							
						e candidate each (ap							
					able for bonus	German and/or Eng	11511						
12-M-Kl1-221-m01	Informa	ation Sy	/stems an	d Artif	icial Intelligence 1								
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level					
	Course	S	,	V (2)	+ Ü (2)	•		•					
	Method	d of ass	essment										
			b) oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate) or c) term paper (approx. 15 to 20 pages)										
		Language of assessment: German and/or English											
				Assessment offered: In the semester in which the course is offered									
				credit	able for bonus								

12-M-Kl2-221-m01	Information Sy	ystems an	d Artifi	icial Intelligence 2								
	ECTS 5	Duration)	1 semester	Method of grading	numerical grade	Modul level					
	Courses		V (2) +	$V(2) + \ddot{U}(2)$								
	Method of ass	essment	b) ora c) terr Langu Asses	a) written examination (approx. 60 minutes) or b) oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate) or c) term paper (approx. 15 to 20 pages) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus								
12-M-DSS-192-	Decision Supp	ort Syster	ns									
mo1	ECTS 5	Duration)	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) +	+ Ü (2)								
	Method of ass		a) Written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) Creditable for bonus Language of assessment: German and/or English									
	Participants at cation of place		40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Information Systems will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.									
12-Bl-192-m01	Analytical Info	rmation S	ystem	 S								
	ECTS 5	Duration)	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses	·	V (2) +	- Ü (2)			•					
	Method of ass	essment	Written examination (approx. 60 Minutes) Creditable for bonus Language of assessment: German and/or English									
	Participants ar cation of place		40 places. WM1: Should the number of applications exceed the number of available places, places will be allocated as follows: 1) Master's students of Information Systems will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.									

12-M-IBS-192-m01	E-Busir	iess Sti	ategies										
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (2) +	· Ü (2)								
	Method	d of ass	essment	b) ora minut Credit	a) Written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) or Creditable for bonus Language of assessment: German and/or English								
	Participants and allocation of places			Shoul (1) Ma (2) The (3) Wh places	places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Information Systems will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.								
12-M-MUS-222-			iquitous I		SS								
mo1	ECTS 5 Duration				1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course			Ü (2) +									
				a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus									
12-M-GL-	Global Logistics & Supply Chain Management												
SC-182-mo1	ECTS 5 Duratio				1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			V (2) + Ü (2) Module taught in: English									
	Method	d of ass	essment	Langu	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus								
12-M-AOLM-182-	Advanc	ed Ope	rations &	Logist	ics Management								
mo1	ECTS	5	Duration	l	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course				le tàught in: English								
	Method	d of assessment a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus											
12-M-VS-221-m01	Vertica	l Storyt	Storytelling										
	ECTS	10	Duration	l	1 semester	Method of grading	numerical grade	Modul level					
	Course	S		S (2)									
	Method	of ass	essment portfolio (approx. 5 pages) Assessment offered: every year, summer semester										
		ting Control (1992)											

12-M-OEDT-231-	Organizationa	l Econom	ics and	Digital Transforma	tion		Organizational Economics and Digital Transformation											
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level											
	Courses		V (2) -															
				le taught in: English														
	Method of ass	essment	a) wri	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English														
			Credit	Creditable for bonus														
12-M-PEM-182-	Policy Evaluat	ion Metho																
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate										
	Courses			+ Ü (2)			•											
	Method of ass			le taught in: English		, h) + (
	Method of ass	essment		iten examination (ap lage of assessment:		b) term paper (appro	x. 15 pages)											
				able for bonus	0													
		ional Information Research track module in Master's programme IEP																
12-M-TE-231-m01	Topics in Emp	_																
	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level											
	Courses		V (2) - Modu	+ Ü (2) le taught in: English	1													
	Method of ass	essment	portfolio (approx. 50 hours) Prüfungssprache: Englisch Creditable for bonus															
	Participants at cation of place		12 *WA1(1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.															
10-l=SB-212-m01	Systems Benc																	
	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level											
	Courses		V (2) +															
	Method of ass	essment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus Language of assessment: German and/or English															
	Additional Info	ormation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,ES,HCI,GE															

10-xtAl=CV-202-	Compu	ter Visi	on					_					
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			V (2) + Ü (2) Module taught in: English								
	Method	d of ass	essment	If ann of one date). Langu	Language of assessment: English Creditable for bonus								
10-l=IP-222-m01	Image	Process	ing and C	omput	ational Photograph	у							
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level					
	Course	S			V (2) + Ü (2) Module taught in: English								
	Method	d of ass	essment	If ann of one date). Langu	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English Creditable for bonus								
10-l=M-	Multili	ngual N	LP										
NLP-232-m01	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			+ Ü (2) le taught in: Germar	n and/or English							
	Method of assessment			written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English Creditable for bonus									

10 I=CNA 222 mo4	Statistical Network Analysis											
10-1=3NA-232-11101	ECTS 5 Duration		1 semester	Method of grading numerical grade	Modul level	graduate						
	Courses	\	V (2) + Ü (2) Module taught in: English									
	Method of ass		written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus									
	Additional Info		Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN									
10-l=OR-232-m01	Operations Research											
	ECTS 5	Duration	1 semester	Method of grading numerical grade	Modul level	graduate						
	Courses		V (2) + Ü (2) Module taught in: Geri	man and/or English								
	Method of ass		written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus									
	Additional Info	ormation F	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN									
10-l=MLN1-232- m01	Machine Learning for Networks 1											
	ECTS 5	Duration	1 semester	Method of grading numerical grade	Modul level							
	Courses		V (2) + Ü (2) Module taught in: Eng	lish								
			written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus									
	Additional Info	ormation F	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,IT,SE,KI,HCI,IN									

10-l=DM-232-m01	Data Science												
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			V (2) + Ü (2)									
	Method of assessment		written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus										
	Additional Information			Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IT,KI,HCI,GE,SEC									
Thesis (30 ECTS credits)													
12-WI-MA-192-mo1 Master Thesis Information Systems													
	ECTS	30	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S											
	Method of assessment			Master's thesis (approx. 60 to 80 pages) Language of assessment: German and/or English									
	Additional Information				Time to complete: 6 months								