

Annex SFB

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

Responsible: Faculty of Business Management and Economics

Examination regulations version: 2025

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 Unles modules in this SFB: ditab

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)):

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		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	ssessm	ent								
	Only after su completion of		ıl if applica	if applicable							
	Other prereq	uisites	if applica	if applicable							
	Participants on of places		ocati- if applica	if applicable							
	Additional in	format	ion if applica	if applicable							
	Referred to in	n LPO I	if applica	if applicable (examination regulations for teaching-degree programmes)							

Compulsory Course	es (20 E(CTS cred	lits)									
12-M-IS-242-m01	Informa	ation Sy	/stems									
	ECTS	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	el graduate			
	Course	S		S (2) Modu	S (2) Module taught in: German and/or English							
	Method	d of ass	essment	b) ter Langı	a) written examination (approx. 60 minutes) or b) term paper (15 to 20 pages) Language of assessment: German and/or English creditable for bonus							
12-M-PSI-242-m01	Project	Semina	ar		1	,						
·	ECTS 15 Duratio			1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			S (2) Modu								
	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 and/or English creditable for bonus								
Compulsory Electiv	es I: Fur	ndamen	tals Comp	outer S	cience (20 ECTS cre	edits)						
10-l=IR-242-m01	Informa	ation Re	trieval									
	ECTS	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) + Ü (2) Module taught in: German 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: 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								

10-l=SSS-232-m01	Securit	y of So	ftware Sys	stems			1				
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S	•		+ Ü (2) ıle taught in: Engli	sh					
	Method	d of ass	essment	If anr of on date) Langi	Language of assessment: English creditable for bonus						
	Additio	nal Info	ormation	Focus SEC,I		tudents of the Master's programme Informatik (Computer Science, 12	o ECTS credits): SE,KI,LR, HCI, ES,			
10-l=SAR-161-m01	Softwa	re Arch	itecture				'				
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (2)	+ Ü (2)						
	Method of assessment			If anr of on date) Langi	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	ormation		Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,ES						
10-l=Kl1-212-m01	Artifici	al Intel	ligence 1								
	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). Language of assessment: German and/or English creditable for bonus							
	Additio	nal Info	ormation	Focus	ses available for st	tudents of the Master's programme Informatik (Computer Science, 12	o ECTS credits): AT,SE,KI,HCI			

10-l=ST-232-m01	Discret	e Event	Simulation	on			',					
	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	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							
	Additional Information				es available for stud ES,GE,IN	dents of the Master's programme Informatik (Comp	outer Science, 12	o ECTS credits):				
10-I=APR-252-m01		ed Pro	gramming									
	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				$V(2) + \ddot{U}(2)$							
	Method of assessment			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): SE, KI, LR, HCI, ES, GE, SEC, IN								
10-I=NLP-212-m01	Machin	e Learr	ning for Na	atural I	Language Processin	g						
	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course			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). Language of assessment: German and/or English creditable for bonus								
	Additio	nal Info	rmation	Focus	es available for stud	dents of the Master's programme Informatik (Comp	uter Science, 12	o ECTS credits): AT,KI,HCI				

10-l=Kl2-212-m01	Artificia	al Intellig	ence 2								
	ECTS	5	Duration	1 semest	er	Method of grading numerical grade		Modul level	graduate		
	Course	S		V (2) + Ü (2)							
				If announced by of one candidat date). Language of ascreditable for b	anguage of assessment: German and/or English creditable for bonus						
					le for st	udents of the Master's programme Inform	natik (Comput	ter Science, 12	o ECTS credits): AT,SE,KI,HCI,GE		
		mming w									
	ECTS	5	Duration		er	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). Language of assessment: German and/or English creditable for bonus							
		onal Inforr		Focuses availab	le for st	udents of the Master's programme Inform	natik (Comput	ter Science, 12	o ECTS credits): SE, IT, KI, HCI, GE,		
10-I=SB-252-m01		ns Benchr									
	ECTS	5	Duration		er	Method of grading numerical grade		Modul level	graduate		
	Course			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 e of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes date). Language of assessment: German and/or English creditable for bonus										
	Additio	onal Inforr		Focuses availab GE, IN	le for st	udents of the Master's programme Inform	natik (Comput	ter Science, 12	o ECTS credits): SE, IT, ES, HCI,		

10-AI=CV1-242-	Computer Vision 1											
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			+ Ü (2)		,					
					le taught in: Englis			_				
	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	of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate).							
				date).								
					anguage of assessment: English reditable for bonus							
10-I=IP-222-m01	Image Processing and Computational Photography											
	ECTS 5 Duratio				1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			+ Ü (2)	,	'					
			_		le taught in: Englis							
	Method	d of ass	essment			prox. 60 to 120 minutes) urer at the beginning of the course, the written ex	vamination may be	replaced by an oral examination				
				of one	e candidate each (approx. 20 minutes) or an oral examination in gro	ups of 2 candidate	s (approx. 15 minutes per candi-				
				date).	,							
					Language of assessment: English creditable for bonus							
10-l=M-	Multili	ngual N	LP	creare								
NLP-232-m01	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			V (2) + Ü (2)							
				Module taught in: German and/or 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								
					of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi-							
				date).								
				Language of assessment: German and/or English creditable for bonus								
10-I=SNA-232-m01	Statist	ical Net	work Ana									
	ECTS	5	Duration	<u>,</u> 1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			+ Ü (2)	·						
					le taught in: Englis							
	Method	d of ass	essment			prox. 60 to 120 minutes).	vamination may be	renlaced by an oral examination				
				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-								
			date).									
				Language of assessment: English creditable for bonus								
!	Additional Information			Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN								
				Todases available for stadents of the muster's programme informatic (computer selence, 120 Let's clears).								

10-l=0R-232-m01	Operat	ions Re	search		,		,					
	ECTS	5	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S	_		V (2) + Ü (2) Module taught in: German and/or English							
	Method	d of ass	essment	If ann of on 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							
	Additio	nal Info	ormation	Focus	ses available for stu	dents of the Master's programme Informatik (Co	mputer Science, 12	o ECTS credits): IN				
10-l=MLN1-232-	Machin	ie Leari	ning for No	etwork	S 1							
mo1	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			(2) + Ü (2) Nodule taught in: English							
	Method of assessment			If ann of on 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							
	Additio	nal 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 S	cience										
	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				+ Ü (2)		1					
	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, IN								

Compulsory Electiv Out of the four track											
Track 1: Enterprise	Systems (20 EC	TS credits	s)								
Core (10 ECTS credi	ts)										
12-M-GPU-242-	Business Softv	vare 1: Ma	anagen	nent and Implement	ation of Information	Systems					
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 asse	essment	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 c) term paper (15 to 20 pages) Language of assessment: German and/or English Assessment offered: once a year, winter semester creditable for bonus								
	Participants an cation of place	S	50 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, Management and Economathematics 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-ERP-242-mo1			ata-driven Business Process Management and Automation								
	ECTS 5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			+ Ü (2) le taught in: Germar	and/or English						
	Method of asse	essment	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 c) term paper (15 to 20 pages) Language of assessment: German and/or English Assessment offered: Once a year, summer semester creditable for bonus								
	Participants an cation of place		1) Mas (2) Th (3) Wh	d the number of app ster's students of Inf e remaining places v nen places are alloca	ormation Systems, Mill be allocated to sated in accordance w	tudents of other subject	mathematics will be gives. The state of applications	ocated as follows: ven preferential consideration. exceeds the number of available			

Core Electives (10	ECTS cre	edits)										
10-l=PM-252-m01	Profes	sional P	roject Ma	nagen	ient							
	ECTS	5	Duration	1	1 semester	Method of grading numeric	al grade	Modul level	graduate			
	Course	es		V (4)	· (4)							
	Metho	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: German and/or English creditable for bonus							
	other p	rerequi	sites	We re	commend complet	ing module 10-I=PRJAK in paral	llel.					
	Additio	onal Info	rmation		ocuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE, IT, KI, ES, LR, ICI, GE, IN							
10-I=PRJAK-252-	Project	t - Curre	nt Topics	in Con	nputer Science							
mo1	ECTS	5	Duration	ı	1 semester	Method of grading numeric	al grade	Modul level	graduate			
	Courses			P (4)	,			-				
	Metho	Method of assessment			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)							
	Additio	onal Info	rmation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT, SE, IT, KI, ES, LR, HCI, GE, SEC, IN								
12-M-HRM-242-	Human	Resoui	ce Manag	gemen	t and Industrial Re	lations						
mo1	ECTS	5	Duration	1	1 semester	Method of grading numeric	al grade	Modul level	graduate			
	Courses			V (2) + Ü (2) Module taught in: English								
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English								

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)						
				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							
				SE,IT,E	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,ES						
12-M-ESE-242-mo1		_				& Scale Up, Venture Capital, Private Equity, EXIT					
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course			V (2) + Ü (2) Module taught in: German and/or English							
	Method	d of asso	essment	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 c) term paper (15 to 20 pages) Language of assessment: German and/or English creditable for bonus							
		pants ar of place		WA: Should (1) Stude siderate a. Amonumber b. When places c. Amonumber (2) Any chair.	dents who already tion. ong applicants with er of ECTS credits a en places are alloc will be allocated a ong applicants with remaining places The selection is ma	oplications exceed the number of available places have successfully completed courses offered by the the same number of successfully completed monchieved in the corresponding modules. ated in accordance with b) and the number of appaccording to the average grade of assessments tan the same average grade, places will be allocated are available to students who have not yet successed according to study progress (number of semested). A waiting list will be maintained	the supervising characters, places will plications exceeds then in the corresped by lot. essfully completed esters); among app	air will be given preferential con- be allocated according to the total the number of available places, onding courses. any courses of the supervising licants with the same number of			

12-M-APW1-161-	Selecte	d Topic	s in Busin	ess M	anagement and Eco	onomics 1					
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses	S		V (2) +	- Ü (2)						
	Method	l of asse		b) writ c) tern Langu Asses) written examination (approx. 60 to 90 minutes) or) written examination (questions concerning mathematical methodology; approx. 120 minutes) or) term paper (approx. 15 to 20 pages) or presentation (approx. 30 to 45 minutes) anguage of assessment: German and/or English assessment offered: In the semester in which the course is offered reditable for bonus						
12-M-AWI1-242-	Selecte	d Topic	s in Busin	ess In	formation Systems	1					
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses	S		V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü							
	Method of assessment			a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (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 minutes) Language of assessment: German and/or English creditable for bonus							
12-M-TES-242-m01	Topics in Enterprise Systems										
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses	S		V (2) + Ü (2) Module taught in: German and/or English							
	Method	l of asse		a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus							

Track 2: Business	Analytics	(20 EC	TS credit	s)								
Core (10 ECTS cred	its)											
12-M-DSS-242-	Decision	n Suppo	ort Syste	ms	is a second seco							
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	of asse	essment	b) or minu Lang	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) Language of assessment: English creditable for bonus							
12-M-AOLM-182-	Advance	ed Oper	rations &	Logis	tics Management			<u>'</u>				
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	i			V (2) + Ü (2) Module taught in: English							
	Method	of asse	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-BI-242-m01	Analytical Information Systems											
	ECTS 5 Duratio			n	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								
Core Electives (10	ECTS cred	lits)										
12-M-BI-242-m01	Analytic	al Info	rmation S	Systen	15							
	ECTS	5	Duratio	n	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-EAI-252-m01	Enterp	rise Al						-				
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S	-		/ (2) + Ü (2) Module taught in: English							
	Method	d of ass	essment	b) ter c) ora d) po Langu Asses	written examination (approx. 60 minutes) or term paper (approx. 15 pages) or oral examination of one candidate each (approx. 20 minutes) or portfolio (approx. 50 hours) nguage of assessment: English sessment offered: In the semester in which the course is offered							
10-l=0R-232-m01	Operat	ions Re	search									
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			V (2) + Ü (2) Module taught in: German and/or English							
	Method	d of ass	essment	If ann of one date) Langu	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 examir of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per of date). canguage of assessment: German and/or English creditable for bonus							
	Additio	nal Info	rmation	Focus	ses available for st	tudents of the Master's programme Informa	tik (Computer Science, 12	o ECTS credits): IN				
12-M-GL-		Logistic	cs & Supp	ly Cha	in Management							
SC-182-m01	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 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-ATDS-252-	Practica	Practical Data Science													
mo1	ECTS	5	Duration	1 semester	Method of grad	ing numerical grade	Modul level	graduate							
	Courses	5		V (2) + Ü (2) Module taught in: E	English										
	Method	of asses		b) term paper (approx c) portfolio (approx Language of assess Assessment offered	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus										
	Participa cation o			Number of places: 35. WA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.											
12-M-TE-252-m01	Applied	Topics i	in Data S	cience in Business	and Economics	<u> </u>	, ,								
	ECTS	5	Duration	1 semester	Method of grad	ing numerical grade	Modul level	graduate							
	Courses	5		V (2) + Ü (2) Module taught in: E											
	Method	of asses		portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus											
12-M-TDS-242-m01	Applied	Data An	alysis a	nd Machine Learnin	g										
	ECTS	5	Duration	1 semester	Method of grad	ing numerical grade	Modul level	graduate							
	Courses	5		V (2) + Ü (2) Module taught in: English											
	Method	of asses		a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus											

12-M-OEDT-252-	Organi	zationa	l Economi	cs and	Digital Transforma	tion								
mo1	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S		V (2) - Modu	- Ü (2) le taught in: English	l								
	Method	d of ass	essment	b) teri Langu Asses	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus									
12-M-AOLM-182-	Advanc	ed Ope	rations &	Logist	ics Management			,						
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course				le taught in: English									
	Method	d of ass	essment	b) teri Langu) written examination (approx. 60 minutes) or) term paper (approx. 15 to 20 pages) anguage of assessment: English reditable for bonus									
12-M-DSS-242-	Decisio	Decision Support Systems FCTS Mathed of an illumination of the control of the c												
mo1	ECTS 5 Duratio				1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course			V (2) + Ü (2) Module taught in: English										
	Method	d of ass	essment	b) ora minut Langu	l examination (one			os of 2: approx. 20 r	minutes, groups of 3: approx. 30					
12-M-OIP-252-m01	Optimi	zation i	n Practice											
	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	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) and presentation (15 to 20 minutes), (weighted 2:1) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus										

12-M-EE-252-m01	Experin	nental E	conomic	 5									
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses	S			V (2) + Ü (2) Module taught in: English								
	Method	d of asso	essment	Langu Asses	portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus 30 places. 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.								
	Particip cation o			WA1: (1) Sh cants									
12-M-APW2-161-	Selecte	d Topic	s in Busii	iess M	ess Management and Economics 2 1 semester Method of grading numerical grade Modul level graduate								
mo1	ECTS	5	Duration		1 semester	graduate							
	Courses	S		V (2) -	+ Ü (2)								
				b) wri c) terr d) pre Langu Asses credit	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus								
12-M-AWI2-242-	Selecte	d Topic	s in Busii	ness In	formation Systems	2							
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses	S		V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü									
	Method of assessment			a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (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 TPA 2/2 mod	Topics	opics in Business Analytics													
12-M-16A-242-11101	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate						
	Course		Duration	V (2) -		Method of grading	Humencar grade	Modulitevel	graduate						
	Course	3			le taught in: Germa	an and/or English									
	Method	d of asse	essment	a) writ b) writ c) terr d) pre Langu Asses	tten examination (a tten examination (a n paper (15 to 20 p sentation (30 to 49 age of assessmen	approx. 6o to 90 minu questions concerning ages) or	mathematical methodo	ology; approx. 120 minu	tes) or						
Track 3: Electronic	Busines	s (20 EC	TS credit												
Core (10 ECTS credi															
12-M-IBS-242-m01	E-Busir	ness Str	ategies												
	ECTS 5 Duration			<u> </u>	1 semester	Method of grading	numerical grade	Modul level	graduate						
	Courses				V (2) + Ü (2) Module taught in: English										
	Method of assessment			b) ora minut Langu	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: approximates) Language of assessment: English creditable for bonus										
12-M-MUS-242-	Mobile	and Ub	iquitous l	Busine	SS			,							
mo1	ECTS	5	Duration	า	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) 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 creditable for bonus											

Core Electives (10	ECTS credits)											
12-M-UGF1-242-	Corporate Ent	repreneur	ship ar	nd Innovation								
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) -									
				le taught in: English								
	Method of ass	essment) written examination (approx. 60 to 120 minutes) or)) term paper (15 to 20 pages) or) oral examination of one candicate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 mi-								
			c) ora									
			nutes	utes, groups of 3 approx. 30 minutes)								
MUCE			Langu	anguage of assessment: English								
12-M-UGF2-182- mo1	Corporate Stra											
11101	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		$V(2) + \ddot{U}(2)$ Module taught in: English									
	Method of ass	essment		a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or								
				c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 mi-								
			nutes	, groups of 3 approx	. 30 minutes)	p. o. v. 10 10 15 a. co.	, o. o.a. o.a	3. caps (3. caps or 1 approximus				
	,			age of assessment:								
12-M-UGF3-242-				Digital Transformatio			1					
mo1	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) + Ü (2) Module taught in: English									
	Method of ass	essment			prox. 60 to 120 mini	utes) or						
				n paper (15 to 20 pa		vov. 40 to 45 minutos.	aroung of a annual ac	minutes; groups of 3: approx. 30				
			minut		andidate each: appr	ox. 10 to 15 illillutes;	groups or 2: approx. 20 i	illilutes; groups of 3: approx. 30				
				age of assessment:	English							
12-M-MA-242-m01	Marketing Ana	alytics	•				,					
	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) + Ü (2) Module taught in: English									
	Method of assessment		a) wri	a) written examination (approx. 60 to 120 minutes) or								
			b) term paper (15 to 20 pages)									
			Language of assessment: English creditable for bonus									
			creditable for bonus									

12-M-EC1-252-m01	E-Com	merce										
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	.S			+ Ü (2) ıle taught in: Gern	nan and/or English						
	Method	d of ass	essment	b) ter Langu	m paper (15 to 20	(approx. 60 to 120 min pages) ent: German and/or Engl	•					
		pants ar of place		WA: Shoul (1) Stu sidera a. Am numb b. Wh place c. Am (2) Ar chair.	Number of places: 15. NA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. (3) When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. (3) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.							
12-M-SMGS-242-		gic Man	agement	of Global Supply Chains								
mo1	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			+ Ü (2) ıle taught in: Engl	ish						
	Method	d of ass	essment	Langu	en examination (ap uage of assessme table for bonus							
12-M-INST-242-		zic Man	agerial Ac	counti	ing							
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) + Ü (2) Module taught in: German and/or English								
	Method of assessment			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-APW3-161-	Selecte	ed Topi	cs in Busir	ness N	Management and Eco	onomics 3	,	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	b) wr c) ter d) pro Lang Asse	written examination (approx. 60 to 90 minutes) or written examination (questions concerning mathematical methodology; approx. 120 minutes) or term paper (approx. 15 to 20 pages) or presentation (approx. 30 to 45 minutes) nguage of assessment: German and/or English issessment offered: In the semester in which the course is offered editable for bonus						
12-M-AWI3-242-	Selecte	ed Topi	cs in Busir	iess li	nformation Systems	3					
mo1	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course			Modi Cour	/ (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü						
	Method	d of ass	essment	b) pro c) ora minu Lang		ninutes; groups of 3: approx. 30					
12-M-TEB-242-mo1	Topics	in Elec	tronic Bus	iness							
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S			+ Ü (2) ule taught in: Germa	n and/or English					
	Method	d of ass	essment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus							

Track 4: Artifical In	ack 4: Artifical Intelligence (20 ECTS credits)												
Core (10 ECTS credi	ore (10 ECTS credits)												
12-M-EAI-252-m01	Enterp	rise Al											
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul lev	el graduate				
	Courses				' (2) + Ü (2) Nodule taught in: English								
	Method	ethod 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) or d) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus								
12-M-BI-242-mo1	Analyti	cal Info	rmation S	System	S								
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul lev	el graduate				
	Course	S			V (2) + Ü (2) Module taught in: English								
	Method	d of ass	essment	Langu	n examination (appr lage of assessment: able for bonus								

12-M-ATDS-252-	Practica	al Data	Science										
mo1	ECTS	5	Duration	า	1 semester	Method of grading nu	merical grade	Modul level	graduate				
	Courses	5			+ Ü (2)	<u> </u>			•				
					le taught in: Engl								
	Method	l of ass	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or									
				c) portfolio (approx. 15 pages) of									
				Language of assessment: English									
				Assessment offered: In the semester in which the course is offered									
	Dantiain		- d - H -		creditable for bonus								
	Particip cation of			Numr WA:	lumber of places: 35. VA:								
	cation	or place	.5		Should the number of applications exceed the number of available places, places will be allocated as follows:								
				` '	Students who already have successfully completed courses offered by the supervising chair will be given preferential con-								
					sideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total								
				number of ECTS credits achieved in the corresponding modules.									
				b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places,									
				places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising									
					chair. The selection is made according to study progress (number of semesters); among applicants with the same number of								
				seme	sters, places will	be allocated by lot. A waitii	ıg list will be mainta	ined and places re-allo	cated as they become available.				
Core Electives (10	ECTS cred	dits)											
10-AI=CV1-242-	Comput	ter Visi	on 1										
mo1	ECTS	5	Duration	า	1 semester	Method of grading nu	merical grade	Modul level	graduate				
	Courses	5			+ Ü (2)								
				Module taught in: English									
	Method	l of ass	essment	Written examination (approx. 60 to 120 minutes) If approvinged by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination.									
					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-								
				date).									
					Language of assessment: English creditable for bonus								
				creait	able for bonus								

12-M-EAI-252-m01	Enterpri	ise Al										
	ECTS	5	Duration	,	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			V (2) - Modu	+ Ü (2) le taught in: Englis	h						
	Method	of ass	essment	b) teri c) ora d) por Langu Asses	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus							
12-M-BI-242-mo1			rmation S	<u> </u>	S							
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses				le taught in: Englis							
			essment	Langu	ritten examination (approx. 6o minutes) anguage of assessment: English editable for bonus							
12-M-ATDS-252-	Practical Data Science											
mo1		5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses				le taught in: Englis							
	Method	of ass	essment	b) ten c) por Langu Asses	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus							
	Particip cation o			Number of places: 35. WA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.								

12-M-MA-242-m01	Marketi	ing Ana	lytics		,									
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses	5			+ Ü (2)			`						
					ıle taught in: English									
	Method	l of asse		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-TE-252-m01	Applied	l Topics	in Data S	cience in Business and Economics										
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses	5			+ Ü (2) ıle taught in: English	1								
	Method	of asse		portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus										
10-I=SNA-232-m01	Statisti	cal Netv	vork Anal	ysis										
	ECTS	5	Duration	ation 1 semester Method of grading numerical grade Modul level graduate										
	Courses	5		V (2) + Ü (2) Module taught in: English										
	Method	of asse		If ann of on- 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									
	Additio	nal Info				dents of the Master's	programme Informatik (Compu	iter Science, 120	o ECTS credits): IN					
10-I=NLP-212-m01					Language Processin		, , , , , , , , , , , , , , , , , , ,		,					
		5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			V (2)	+ Ü (2)	, ,			10					
	Method	l of asse	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). Language of assessment: German and/or English creditable for bonus										
	Additio	nal Info	al Information Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,KI,HCI											

10-l=M-	Multilii	ngual N	LP			,		'				
NLP-232-m01	ECTS	5	Duration)	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) + Modu		nan and/or English	•	•				
	Method	d of asso		If annoting of one date).	anguage of assessment: German and/or English reditable for bonus							
12-M-APW4-161-	Selecte	d Topic	s in Busin	ess M	anagement and E	conomics 4						
mo1	ECTS	5	Duration)	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) +	V (2) + Ü (2)							
				c) terr d) pre Langu Asses credit	ites) or							
12-M-AWI4-242-	Selected Topics in Business Information Systems 4											
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			le taught in: Germ	nan and/or English ely S instead of V + Ü						
	Method	d of asse		b) pre c) ora minut Langu	sentation (15 to 2 l examination (on es)		paper (approx. 20 page rox. 10 to 15 minutes; g		ninutes; groups of 3: approx. 30			
12-M-TAI-242-m01	Topics	in Artifi	cial Intell	igence								
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) + Modu		nan and/or English						
			a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus									
Master's with 1 major Inf	ormation Sy	stems (202	5)				JMU Würzburg • generate	ed 05-Nov-2024 • exam. reg. data	record 88 j10 - - H 2025 page 26 / 37			

Compulsory Electiv	es III: S	eminar ((10 ECTS	credits)						
12-M-MSS-242-	Advanc	ed Sem	inar: Mar	keting	Strategy						
mo1	ECTS	10	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Modu	le taught in: Germa	n and/or English		,			
	Method	d of ass	essment			es) and presentation German and/or Engl	(approx. 20 minutes), ish	weighted 2:1			
		oants ar of place		cants	ould the number of irrespective of their	subjects. (2) Places	on all courses of the m		allocated by lot among all appli- number of places will be allocated they become available.		
12-M-SER-242-m01	Advanc	Ivanced Seminar: Financial Accounting						,			
	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Modu	le taught in: Germa	n and/or English					
	Method	d of ass	essment		term paper (20 to 25 pages) and presentation (approx. 20 minutes) (weighted 2:1) Language of assessment: German and/or English						
		oants ar of place		WA1: (1) Sh cants	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot are cants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places with the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SBL-242-m01	Advanc	ed Sem	inar: Cor	orate	Finance			,			
	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S	-	S (2) Modu	le taught in: Germa	n and/or English					
	Method	d of ass	essment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English							
		oants ar of place		cants	ould the number of irrespective of their	subjects. (2) Places	on all courses of the m		allocated by lot among all appli- number of places will be allocated they become available.		

12-M-SSL-242-m01	Advanc	ed Sem	inar: Ana	lytical	Tax Research							
12 W 332 242 W 31	ECTS	10	Duration	<u> </u>	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	le taught in: Germa		<u> </u>	-				
	Method	d of ass	essment		erm paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English							
	Particip cation	oants ar of place		WA1: (1) Sh cants	NA1: (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 n the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-M-ES-242-m01	Advanc	ed Sem	inar: Ente	erprise	Systems							
	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	(2) odule taught in: German and/or English							
	Method	d of ass	essment			es) and presentation : German and/or Engl	(approx. 20 minutes), weighte ish	ed 2:1				
	Participants and allo- cation of places			10 places. 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.								
12-M-SPO-242-	Advanc	ed Sem	inar: Top	ics in F	Personnel Economic	s and Organizational	Theory	,				
mo1	ECTS	10	Duratio	n n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu								
	Method of assessment			1:1	term paper (approx. 20 pages) and presentation with sub-presentation including discussion (approx. 50 minutes), weighted 1:1 Language of assessment: English							
	Participants and allocation of places			10 places. 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.								

12-M-SAS-242-	Advanc	ed Sem	inar: Enti	epren	eurship and Mana	gement		-				
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	ıle taught in: Germ	an and/or English		•				
	Method	d of ass	essment	Langi	term paper (approx. 20 pages) and presentation (15 to 30 minutes), weighted 2:1 Language of assessment: German and/or English Assessment offered: Once a year, winter semester							
		oants ar of place		WA1: (1) Sh cants	places. A1: Should the number of applications exceed the number of available places, places will be allocated by lot among all appliants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-M-AU-	Advanc	ed Sem	inar: Mai	nageria	al Accounting							
AS-252-m01	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	Nodule taught in: German and/or English							
	Method	d of ass	essment	Langi	paper (15 to 20 pag uage of assessmen table for bonus	ges) and presentation t: German and/or Eng	(approx. 20 minutes), weig lish	hted 2:1				
	Participants and allocation of places			cants	ould the number of the	ir subjects. (2) Places		lle with a restricted i	allocated by lot among all appli- number of places will be allocated they become available.			
12-M-BUA-242-	Busine	ss Anal	ytics									
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	ıle taught in: Germ	an and/or English						
	Method of assessment			term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English								
	Participants and allocation of places			cants	ould the number o irrespective of the	ir subjects. (2) Places		lle with a restricted i	allocated by lot among all appli- number of places will be allocated they become available.			

12-M-LSCM-242-	Semina	ar: Appl	ied Analy	tics in	Logistics & Supply	Chain Management						
mo1	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) Modu	le taught in: Germa	n and/or English						
	Method	d of ass	essment		term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English							
		oants ar of place		cants	A1: Should the number of applications exceed the number of available places, places will be allocated by lot among all applints irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-M-WUE-242-	Econon	nic and	Business	Ethics	hics							
mo1	ECTS	10	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course				le taught in: Germa							
	Method	d of ass	essment			es) and presentation (approx. 20 minutes), weighte German and/or English	d 2:1					
		oants ar of place		WA1: (1) Sh cants	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.							
12-M-SWJ-242-m01	Practic	al Semi	nar: Econ	omic Jo	ournalism		·					
	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) Modu	le taught in: Germa	n and/or English						
	Method	d of ass	essment		portfolio on observation visit, including work samples (approx. 40 pages) Language of assessment: German and/or English							
		oants ar of place		10 places. 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.								

12-M-WPJ-242-m01	Projec	t Modul:	Journalis	m in Eco	onomic Policy								
	ECTS	10	Duration	1 :	1 semester	Method of grading numerical gra	ade	Modul level	graduate				
	Course	es		S (2) Module	e taught in: Germ	an and/or English							
	Metho	d of ass		ration of Langua Assess	of 3 minutes each ige of assessmen	research activities, commentary, tex , audio/video format or text format a t: German and/or English the semester in which the course is a	approx. 20 pages		nedia); approx. 3 items with a du-				
		pants ar of place	!S	cants i	ould the number of applications exceed the number of available places, places will be allocated by lot among all appli- irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocate same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.								
12-M-APS-252-m01	Projec	t: Select	ed Topics	in Busi	ness Manageme	nt and Economics							
	ECTS	10	Duration	1 :	1 semester	Method of grading numerical gra	ade	Modul level	graduate				
	Course	es		S (2) Module	e taught in: Germ	an and/or English							
	Metho	d of ass	essment	Langua Assess	erm paper (approx. 20 pages) and presentation (approx. 20 minutes); (weighted 2:1) anguage of assessment: German and/or English ssessment offered: In the semester in which the course is offered reditable for bonus								
		pants ar of place	!S	cants in	uld the number or rrespective of the	f applications exceed the number of ir subjects. (2) Places on all courses (3) A waiting list will be maintained a	s of the module wi	th a restricted	number of places will be allocated				
12-M-ATIÖ1-242-	Interna	ational E	conomics	1									
m01	ECTS	10	Duration	1 :	1 semester	Method of grading numerical gra	ade	Modul level	graduate				
	Course	es		S (2) Module	e taught in: Englis	sh							
	Metho	d of ass	essment	term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English									
		pants ar of place	!S	cants i	uld the number or rrespective of the	of applications exceed the number of ir subjects. (2) Places on all courses (3) A waiting list will be maintained a	of the module w	th a restricted	number of places will be allocated				

12-M-ATIÖ2-242-	Interna	tional E	conomics	 5 2			,					
mo1	ECTS	10	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) Modu	le taught in: English	1						
	Method	d of ass	essment		term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English							
		oants ar of place		cants	ould the number of irrespective of their	applications exceed the number of available plarsubjects. (2) Places on all courses of the module A waiting list will be maintained and places re-	e with a restricted r	number of places will be allocated				
12-M-ATIÖ3-242-	Interna	tional E	conomics	mics 3								
mo1	ECTS	10	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) Modu	(2) odule taught in: English							
	Method	d of ass	essment		oaper (approx. 15 pa lage of assessment	ages) and presentation (approx. 40 minutes) with : English	thesis paper (1 pa	ge) (weighted 3:1)				
		oants ar of place		WA1: (1) Sh cants	10 places. 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.							
12-M-AM-	Semina	r: Inter	national I	conon	nics	·						
TlÖ-242-m01	ECTS	10	Duratio	<u> </u>	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) Module taught in: English								
	Method	d of ass	essment	term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English								
		oants ar of place		10 places. 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.								

12-M-SIO-252-m01	Advanc	ed Sem	ninar: Indu	ustrial	Organization							
	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	lle taught in: English	1						
	Method	d of ass	essment		paper (approx. 20 pa uage of assessment:		on (approx. 20 minutes	s); (weighted 2:1)				
	Participants and allo- cation of places			WA1: (1) Sh cants	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 number of places will be allocated number of places will be maintained and places re-allocated by lot as they become available.							
12-M-SWOSP-252-	Semina	ır: Beha	vioral, O	rganiza	ational, and Labor E	conomics						
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	ule taught in: English							
	Method of assessment			Langi	rm paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Inguage of assessment: English Issessment offered: Once a year, summer semester							
	Participants and allo- cation of places			WA1: (1) Sh cants	o places. /A1:) Should the number of applications exceed the number of available places, places will be allocated by ants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of pla the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become							
12-M-SV5-242-m01	Advanc	ed Sem	inar: Pub	lic Fina	ance							
	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	lle taught in: English	1						
	Method	d of ass	essment	Langi	rm paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 anguage of assessment: English assessment offered: Once a year, summer semester							
	Particip cation			cants	ould the number of irrespective of their	subjects. (2) Places	on all courses of the m		allocated by lot among all appli- number of places will be allocated they become available.			

12-M-SOE-242-	Advanc	ed Sen	ninar: Eco	nomet	rics		,					
mo1	ECTS	10	Duratio	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) Modu	lle taught in: English	1						
	Method	d of ass	essment		term paper (approx. 15 pages) and presentation (approx. 20 minutes); (weighted 2:1) Language of assessment: English							
	cation	of place		cants in the	ould the number of irrespective of their same procedure. (3	applications exceed the number of available pla r subjects. (2) Places on all courses of the modulo 3) A waiting list will be maintained and places re-	e with a restricted i	number of places will be allocated				
12-M-MEW-242-	Semina	ar: Mac	roeconom	ics and	cs and Quantitative Economic Research							
mo1	ECTS	10	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) Modu	ıle taught in: English	1						
	Method of assessment				paper (20 to 25 page uage of assessment:	es) and presentation (approx. 20 minutes), weigh : English	nted 2:1					
	Particip cation		nd allo- es	WA1: (1) Sh cants	o places. VA1: 1) Should the number of applications exceed the number of available places, places will be allocated by lot among all appli- ants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated n the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-M-ATC-242-mo1	Semina	r: Stra	tegic Ince	ntive D)esign		,					
	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) Modu	lle taught in: English	1						
	Method	d of ass	essment		term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English							
	Particip cation		nd allo- es	10 places. 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.								

12-M-SE-	Semina	ar: E-Bu	siness								
BS-252-mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Modu	lle taught in: Germa	n and/or English		,			
	Method	d of ass	essment	Langu	uage of assessment:	es) and presentation : German and/or Eng e a year, winter seme		hted 2:1			
	cation	oants ar of place	?S	WA1: (1) Sh cants in the	places. 1: Should the number of applications exceed the number of available places, places will be allocated by lot among all applits irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated he same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available. Economics and Ethics of Artificial Intelligence						
12-M-TEE-252-m01	Semina	ar: Appl	ied Topic	s in Ec	onomics and Ethics	of Artificial Intellige	ice				
	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Modu	ıle taught in: English	1					
	Method	d of ass	essment	Langu	term paper (15 to 20 pages) and presentation (approx. 30 minutes); (weighted 60:40) Language of assessment: English Assessment offered: In the semester in which the course is offered						
		oants ar of place		WA1: (1) Sh cants	no places. 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.						
12-M-RS-252-m01	Resear	ch Sem	inar in Ap	plied I	Data Science						
	ECTS	10	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Modu	ıle taught in: English	1					
	Method	d of ass	essment	Langu	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English Assessment offered: In the semester in which the course is offered						
	Participants and allo- cation of places			10 places. 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.							

12-M-UAAI-242-	Enterp	rise Al a	nd Urban	Analy	tics							
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	le taught in: English							
	Method	d of ass	essment		term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English							
		oants ar of place		WA1: (1) Sh cants	o places. VA1: 1) Should the number of applications exceed the number of available places, places will be allocated by lot among all appliants 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-ICP-242-mo1	Semina	r: Inter	national (Climate	Policy	'		'				
	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu								
	Method	d of ass	essment		erm paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English							
		oants ar of place		WA1: (1) Sh cants	10 places. 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.							
12-M-SBB-252-	Semina	ar: Belie	fs and Bi	ases	, , ,							
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level				
	Course	S		S (2) Modu	le taught in: English							
	Method	d of ass	essment	Langi	term paper (15 to 20 pages) and presentation (approx. 30 minutes), weighted 60:40 Language of assessment: English Assessment offered: In the semester in which the course is offered							
	Participants and allo- cation of places			10 places. 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.								

Thesis (30 ECTS cre	Thesis (30 ECTS credits)														
12-WI-MA-192-m01	Master	Master Thesis Information Systems													
	ECTS 30 Duration 1 semester Method of grading numerical grade Modul level graduate														
	Courses														
	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														