

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Economathematics as a Bachelor's with 1 major with the degree "Bachelor of Science" (180 ECTS credits)

Responsible: Faculty of Mathematics and Computer Science Responsible: Faculty of Business Management and Economics Examination regulations version: 2022 Examination regulations version: 2022

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

= lecture

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

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

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

= list of modules

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

Conventions for the modules in this SFB: ditable for bonus.

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

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

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

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

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

ASP02015

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

22-Mar-2022 (2022-14)

31-Jan-2023 (2022-84)

??-???-2023 (2023-??)

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	specified in the form ?	X (y) with course type X	(abbreviated as specified abo	ve and number of we	ekly contact hours y			
	Method of as	ssessme	ent								
	Only after su completion of		l if app	if applicable							
	Other prerequisites		if app	if applicable							
	Participants and allocation of places		ocati- if app	if applicable							
	Additional in	formati	on if app	icable							
	Referred to i	n LPO I	if app	if applicable (examination regulations for teaching-degree programmes)							

Compulsory Course	es (95 EC	TS cred	lits)									
Subfield Mathemat	ics (45 E	CTS cre	edits)									
10-M-ANB-Ü-222-	Overvie	w Anal	ysis for E	conom	onomathematics							
mo1	ECTS	13	Duratio	1	2 semester	Method of grading	numerical grade	٨	Nodul level	undergraduate		
	Courses				+ V (4) + Ü (2)							
			essment	Asses Langu	oral examination of one candidate each (20 to 40 minutes) Assessment will have reference to the contents of modules 10-M-ANB1 and 10-M-ANB2. Language of assessment: German and/or English							
10-M-LNB-Ü-222-	Overvie	w Line	ar Algebra	a for Ed	onomathematics							
mo1	ECTS	13	Duratio	n	2 semester	Method of grading	numerical grade	N	Nodul level	undergraduate		
	Courses	5		V (4)	+ V (4) + Ü (2)							
	Method of assessment			Asses	ral examination of one candidate each (20 to 40 minutes) ssessment will have reference to the contents of modules 10-M-LNB1 and 10-M-LNB2. anguage of assessment: German and/or English							
10-M-STB1-152-	Stochas	stics 1 f	for Econor	mathe	hematics							
mo1	ECTS 10 Duration			า	1 semester	Method of grading	numerical grade	N	Nodul level	undergraduate		
	Courses	5		V (4)	+ Ü (2)							
	Method of assessment			nutes Langu credit	a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 minutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate) Language of assessment: German and/or English creditable for bonus							
10-M-EFM-152-m01		oduction to Stochastic Financial Mathematics										
	ECTS	9	Duratio		1 semester	Method of grading	numerical grade	٨	Nodul level	undergraduate		
	Courses	5		V (4)	+ Ü (2)							
	Method of assessment			a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 m nutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate) Language of assessment: German and/or English creditable for bonus						f one candidate each (15 to 30 mi-		
Subfield Computer	Science	(15 ECT	S credits)								
10-I-GADW-172-	Basics i	in Algo	rithms an	d Data	Structures for Econ	omathematics						
mo1	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	N	Nodul level	undergraduate		
	Courses	5	•	V (4)	+ 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								

10-I-PPW-222-m01	Practical Cour	se in Prog	rammi	ng for Economathe	matics						
	ECTS 5	Duratio	n	1 semester	Method of grading (not) successfully	completed Modul level	undergraduate				
	Courses	·	P (6)			,					
	Method of ass	sessment	If anno	oractical examination (programming exercises, approx. 120 hours) and written examination (approx. 60 to 120 min f announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral ex of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes plate).							
Subfield Business	Management a	nd Econon	nics (35	ECTS credits)							
12-BPL-G-212-m01	mo1 Supply, Production and Operations Management										
	ECTS 5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses	-	V (2) +	- T (2)							
	Method of ass	sessment		n examination (app age of assessment	rox. 60 minutes) : German and/or English						
12-EBWL-G-212-	Organization										
mo1	ECTS 5	Duratio		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		V (2) +								
	Method of ass	sessment	writtei Langu	itten examination (approx. 60 minutes) nguage of assessment: German and/or English							
12-I&F-G-212-m01	Investment ar	nd Finance	<u> </u>								
	ECTS 5	Duratio		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		V (2) +								
	Method of ass	sessment		written examination (approx. 60 minutes) Language of assessment: German and/or English							
12-Mak1-G-212-	Macroeconomics 1										
mo1	ECTS 5	Duratio		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		V (2) +	• •							
	Method of ass	sessment		n examination (app age of assessment	rox. 6o minutes) : German and/or English						
12-Mak2-G-212-	Macroeconom	ics 2									
mo1	ECTS 5	Duratio		1 semester	Method of grading numerical grade	Modul level	l undergraduate				
	Courses		V (2) +			,					
	Method of ass	sessment		n examination (app age of assessment	rox. 60 minutes) : German and/or English						
12-Mik1-G-212-	Microeconom	ics 1									
mo1	ECTS 5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		V (2) +	- T (2)							
	Method of ass	sessment	written examination (approx. 60 minutes) Language of assessment: German and/or English								
Bachelor's with 1 major E	conomathematics (20	022)			JMU Würzburg • gene	erated 21-Okt-2023 • exam. reg. dat	ta record 82 276 - - H 2022 page 4 / 39				

12-Risk-152-m01	Econom	nic Prin	ciples of	Risk M	anagement	-			,			
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modu	ıl level	graduate			
	Courses	5	•	V (2)	+ Ü (2)	·						
	Method	of ass	essment		written examination (approx. 60 minutes)							
					Language of assessment: German and/or English creditable for bonus							
Compulsory Elective				5 ECTS	credits)							
Subfield Mathema			•									
10-M-NUB1-152-					conomathematics							
mo1	ECTS	10	Duratio		1 semester	Method of grading numerical grade	Modu	ıl level	undergraduate			
	Courses				+ Ü (2)							
	Method	l of ass	essment	a) wr	itten examination (a	pprox. 90 to 180 minutes, usually chos tion in groups (groups of 2, 10 to 15 min	sen) or b) oral examir	nation of	one candidate each (15 to 30 mi-			
						: German and/or English	nates per candidate)					
					table for bonus	,						
10-M-STB2-152-	Stochas	stics 2	for Econo	mathe	matics							
mo1	ECTS 10 Duratio			n	1 semester	Method of grading numerical grade	Modu	ıl level	undergraduate			
	Courses			V (4)	+ Ü (2)							
	Method	Method of assessment			a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 mi-							
					nutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate) Language of assessment: German and/or English							
					table for bonus	: German and/or English						
10-M-VAB-152-mo1	Advanc	ed Ana	lysis for E				,					
	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modu	ıl level	undergraduate			
	Courses	5		V (4)	+ Ü (2)	•	,					
	Method	of ass	essment	a) wr	itten examination (a	pprox. 90 to 180 minutes, usually chos	sen) or b) oral examir	nation of	one candidate each (15 to 30 mi-			
						tion in groups (groups of 2, 10 to 15 min	nutes per candidate)					
					uage of assessment table for bonus	: German and/or English						
10-M-DGB-152-	Ordinar	ay Diffor	rontial Ea		s for Economathem	atics	,					
mo1		10	Duratio		1 semester	Method of grading numerical grade	Modu	ıl level	undergraduate			
	Courses			,	+ Ü (2)	Method of glading humerical glade	Modu	ii ievei	undergraduate			
			accmont			nnroy oo to 180 minutes usually shee	sen) or h) oral ovamir	nation of	one candidate each (ar to ac mi			
	Method	of assessment a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 minutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate)										
					Language of assessment: German and/or English							
				credi	table for bonus							

10-M-FAB-152-m01	Introdu	uction to	Function	al Ana	lysis for Economath	nematics							
	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	es	'	V (4)	+ Ü (2)	•		·	•				
	Metho	d of ass	essment	nutes Langi) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 minutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate) anguage of assessment: German and/or English reditable for bonus								
10-M-OML-222-	Optimization for Machine Learning												
mo1		10	Duratio		1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	es	<u>.</u>	V (4) + Ü (2) Module taught in: German and/or English									
	Metho	d of ass	essment	b) ora c) ora Langu Asses	written examination (approx. 90 to 180 minutes, usually chosen) or oral examination of one candidate each (15 to 30 minutes) or oral examination in groups (groups of 2, 10 to 15 minutes per candidate) nguage of assessment: German and/or English sessment offered: Only when announced in the semester in which the courses are offered and in the subsequent semester editable for bonus								
10-M-ASL-222-m01	Applie	d Stoch	astics Lab)									
	ECTS	6	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	es	•	V (2)	+ P (2)								
	Method of assessment			Langu	ct work (30 to 60 ho uage of assessment: able for bonus	urs) : German and/or Engl	ish						
10-M-MNL-222-	Machine Learning and Numerics Lab												
mo1	ECTS	6	Duratio	<u> </u>	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	es	•	V (2)	+ P (2)	•			•				
	Method of assessment			project work (30 to 60 hours) Language of assessment: German and/or English creditable for bonus									
Subfield Business	Manage	ment ar	nd Econon	nics (1	5-35 ECTS credits)								
	Market												
mo1		5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course			V (2)		1 0 0			, <u> </u>				
				writte	written examination (approx. 60 minutes) Language of assessment: German and/or English								
12-U&UF-F-152-	Entrep	reneurs	hip, Comp		n and Strategy	-		'					
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course			V (2)	+ Ü (2)	,		ļ	-				
			essment	written examination (approx. 60 minutes)									
Bachelor's with 1 major E	conomathe	ematics (20	22)			·	JMU Würzburg • generated 21-0k	xt-2023 • exam. reg. data	record 82 276 - - H 2022 page 6 / 39				

12-SCRM-211-m01	Sales a	nd Cus	tomer Rel	ations	hip Management				-			
	ECTS	5	Duratio	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses	S	_		+ Ü (2) ıle taught in: Gern	nan and/or English		·				
	Method of assessment			dates Langi	N) Written examination (approx. 60 to 120 Minutes) or b) Term paper (to be prepared by one candidate or in groups of 3 candidates approx. 10 pages each) or c) oral examination in groups (groups of 3, approx. 10 minutes per candidate) anguage of assessment: German and/or English creditable for bonus							
12-SMA-211-m01	Semina	r: Marl	ceting									
	ECTS	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses	Courses			G (2) Module taught in: German and/or English							
	Method	l of ass	essment		erm paper (approx. 15 pages) and presentation (approx. 25 minutes), weighted 2:1 anguage of assessment: German and/or English							
12-INMA-211-m01	Interna	tional I	Marketing									
	ECTS	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses	S			+ Ü (2) ıle taught in: Gern	nan and/or English						
	Method of assessment			c) Ter d) ora	a) Written examination (approx. 60 minutes) or b) Term paper (15 to 20 pages) or c) Term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English							
12-BPL-F-212-m01	Supply	, Produ	ction and	d Logistics Management. Material Requirements Planning								
	ECTS	5	Duratio	<u> </u>	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses	S	,	V (2)	+ Ü (2)			•				
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (15 to 20 pages) or c) term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) oral examination (approx. 20 minutes)								
12-HSCM-211-m01	Human	itarian	Supply Cl	nain M	anagement							
	ECTS 5 Duratio			1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	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: German and/or English								

12-BPL-FS-212-	Semina	ar: Sup	oly, Produ	ction a	and Logistics Man	agement		,				
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		S (2)	5 (2)							
	Method	d of ass	essment	b) ter	a) term paper (approx. 15 pages) and presentation (approx. 20 minutes); (weighted 2:1) or b) term paper (approx. 20 to 25 pages) Language of assessment: German and/or English							
		Participants and allocation of places Modern Approaches in			15 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-AAL-221-m01	Moderi	n Appro	aches in I	Logisti	cs			'				
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level				
	Course	S	•		V (2) + Ü (2) Module taught in: German and/or English							
	Method	d of ass	essment	b) Ter c) Ter d) ora e) Por Langu Asses	a) Written examination (approx. 60 minutes) or b) Term paper (15 to 20 pages) or c) Term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) oral examination (approx. 20 minutes) or e) Portfolio (approx. 15-20 pages) Language of assessment: German and/or English Assessment offered: yearly, to be announced creditable for bonus							
		oants a of place	nd allo- es	30 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.								
	Additio	nal Info	ormation	Module can be taught in form of E Learning course, seminar, workshop etc.								

12-GT-221-m01	Foundations of transport logistics												
	ECTS 5 Duration	1 semester	Method of grading numerical grade	Modul level									
	Courses	V (2) + Ü (2) Module taught in: Gern	nan and/or English										
	Method of assessment	a) Written examination (approx. 60 minutes) or b) Term paper (15 to 20 pages) or c) Term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) oral examination (approx. 20 minutes) or e) Portfolio (approx. 15-20 pages) Language of assessment: German and/or English Assessment offered: yearly, to be announced creditable for bonus											
	Participants and allocation of places	cants irrespective of th (2) Places on all course	30 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.										
	Additional Information	Module can be taught in form of E Learning course, seminar, workshop etc.											
12-DS1-222-m01	Digital Science 1												
	ECTS 5 Duration	1 semester	Method of grading numerical grade	Modul level									
	Courses	V (2) + Ü (2)											
	Method of assessment	 a) Written examination (approx. 60 minutes) or b) Term paper (approx. 15 pages) or c) Term paper (10 to 15 pages) and presentation (approx. 10 minutes); (weighted 2:1) Language of assessment: German and/or English 											
12-DS2-222-m01	Digital Science 2												
	ECTS 5 Duration	1 semester	Method of grading numerical grade	Modul level									
	Courses	V (2) + Ü (2)											
	Method of assessment	a) Written examination (approx. 60 minutes) or b) Term paper (approx. 15 pages) or c) Term paper (10 to 15 pages) and presentation (approx. 10 minutes); (weighted 2:1) Language of assessment: German and/or English											
12-DS3-222-m01	Digital Science 3	·											
	ECTS 5 Duration	1 semester	Method of grading numerical grade	Modul level									
	Courses	S (2)											
	Method of assessment	a) Term paper (approx. 15 pages) and presentation (approx. 20 minutes); (weighted 2:1) or b) Term paper (20 to 25 pages) Language of assessment: German and/or English											

12-DS4-222-m01	Digital	Science	e 4					,				
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level				
	Course	S		S (2)				•				
	Method	d of ass	essment	b) Te	a) Term paper (approx. 15 pages) and presentation (approx. 20 minutes); (weighted 2:1) or b) Term paper (20 to 25 pages) Language of assessment: German and/or English							
12-IM-212-m01	Strates	Strategic and Innovation Management										
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S			+ Ü (2) ıle taught in: Germ	nan and/or English						
12-EPS-212-m01	Method	d of ass	essment	b) ter c) ora	written examination (approx. 60 minutes) or term paper (as individual or group work; approx. 10 pages per person) or or oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate) nguage of assessment: German and/or English							
	Entrep	reneurs	hip	•				,				
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses				V (2) + Ü (2) Module taught in: German and/or English							
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (as individual or group work; approx. 10 pages per person) or c) oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate) Language of assessment: German and/or English								
12-RES-211-m01	Seminar: Research Seminar											
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	Courses			S (2) Module taught in: German and/or English							
	Method	Method of assessment			Term paper (10 to 15 pages) and presentation (in groups of up to 3 candidates, approx. 10 minutes per candidate) Language of assessment: German and/or English							
	Participants and allocation of places			15 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Applicants who have already achieved a total of 90 ECTS credits or more will be given preferential consideration. (2) When places are allocated in accordance with (1) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken so far; among applicants with the same average grade, places will be allocated by lot.								

12-BUS-211-m01	Semina	ar: Busi	ness Simu	lation					-			
	ECTS	5	Duratio	1	1 semester	Method of grading numerical	grade	Modul level	undergraduate			
	Course	S		S (2) Modu	S (2) Module taught in: German and/or English							
	Method	d of ass	essment		Term paper (10 to 15 pages) and presentation (in groups of up to three candidates, approx. 10 minutes per candidate) Language of assessment: German and/or English							
12-RPS-211-m01	Particip cation		nd allo- es	(1) Ap (2) WI place								
12-BPS-211-m01	Semina	ar: Busi	ness Plan									
	ECTS	5	Duratio	1	1 semester	Method of grading numerical	grade	Modul level	undergraduate			
	Course	S		S (2) Modu	Module taught in: German and/or English							
	Method of assessment			Term paper (10 to 15 pages) and presentation (in groups of up to three candidates, approx. 10 minutes per candidate) Language of assessment: German and/or English								
	Participants and allocation of places			15 places. WB4 Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Applicants who have already achieved a total of 90 ECTS credits or more will be given preferential consideration. (2) W places are allocated in accordance with (1) and the number of applications exceeds the number of available places, place will be allocated according to the average grade of assessments taken so far; among applicants with the same average grades will be allocated by lot.								
12-SCM-F-212-m01	Supply	Chain	Managem	ent								
	ECTS	5	Duratio	1	1 semester	Method of grading numerical	grade	Modul level	undergraduate			
	Course	S		V (2) -	+ Ü (2)							
	Method	d of ass	essment	b) terr	m paper (approx. 15 n paper (approx. 10	pprox. 6o minutes) or pages) or to 15 pages) and presentation (German and/or English	approx. 10 minutes)	; (weighted 2:1)				

12-LSCM-212-m01	Seminar: Logistics & Supply Chain Management												
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	S		S (2)									
	Method	d of ass	essment		written elaboration (approx. 10 to 15 pages) and presentation (approx. 10 minutes), (weighted 2:1) Language of assessment: German and/or English								
	Particip cation	oants ar of place	S	Applic places will be	zo places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Applicants who have already achieved a total of 90 ECTS credits or more will be given preferential consideration. (2) When places are allocated in accordance with (1) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken so far; among applicants with the same average grade places will be allocated by lot.								
12-MDM-212-m01	Toyota	Supply	Chain Ma	nagen	nent								
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	-		S (2)	`	•		^					
	Method	d of asso	essment	writte Langu	written elaboration (approx. 10 to 15 pages) and presentation (approx. 10 minutes), (weighted 2:1) Language of assessment: German and/or English								
	Participants and allocation of places			Applic places will be	20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Applicants who have already achieved a total of 90 ECTS credits or more will be given preferential consideration. (2) When places are allocated in accordance with (1) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken so far; among applicants with the same average grade, places will be allocated by lot.								
12-Mik2-G-212-	Microeconomics 2												
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	S		V(2) + T(2)									
	Method	d of asso	essment	written examination (approx. 60 minutes) Language of assessment: German and/or English									
12-S&W1-F-212-	Games	and Str	ategies					'					
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	S		V (2) + Ü (2) Module taught in: German and/or English									
	Method	d of asso	essment	written examination (approx. 60 minutes) Language of assessment: German and/or English									
12-S&W2-F-212-	Compe	tition Po	olicy										
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses			V (3) + Ü (2) Module taught in: German and/or English									
	Method of assessment			a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 10 pages) and presentation (approx. 15 minutes), (weighted 2:1) Language of assessment: German and/or English									

12-S&W3-F-212-	Econon	nics of R	Regulation	n						
mo1	ECTS	5	Duration	n	1 semester	Method of grading numerical grade	Modul level	undergraduate		
	Course	S		V (2) - Modu	+ Ü (2) le taught in: Germaı	n and/or English				
	Method	d of asse	essment	a) written examination (approx. 60 to 120 minutes) or b) term paper (approx. 10 pages) and presentation (approx. 15 minutes), (weighted 2:1) Language of assessment: German and/or English						
12-S&W-FS-212-	Semina	eminar: Competition and Strategy								
mo1	ECTS	5	Duratio	1	1 semester	Method of grading numerical grade	Modul level	undergraduate		
	Courses			S (2) Modu	le taught in: Germai	n and/or English				
	Method of assessment					ges) and presentation (approx. 20 minutes), (weig German and/or English	ghted 2:1)			
		oants an of place		15 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-IIO-212-m01	Industrial Organization									
	ECTS 5 Duration			<u> </u>	1 semester	Method of grading numerical grade	Modul level	undergraduate		
	Course	S			V (2) + Ü (2) Module taught in: German and/or English					
	Method of assessment			a) written examination (approx. 60 to 120 minutes) or b) term paper (approx. 10 pages) and presentation (approx. 15 minutes), weighted 2:1 Language of assessment: German and/or English						
12-GP-G-152-m01	Integra	ted Bus	iness Pro	cesses	5					
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate		
	Course	s		V (2) +	+ Ü (2)					
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) term paper (approx. 10 to 15 pages) and presentation (approx. 10 minutes), weighted 2:1 creditable for bonus						
	Participants and allo- cation of places			ness I provid subje	nformation Systems led there is enough cts. (3) Places on all	of places is not restricted for students of the Backs) (BSc with 180 ECTS credits). (2) Additional place capacity. These additional places will be allocated courses of the module with a restricted number of a intained and places re-allocated by lot as they be	s will be allocated by lot among al folices will be a	d to students of other subjects l applicants irrespective of their		

12-FRBE-F-152-m01	Forward and Reverse Business Engineering										
	ECTS	5	Duration)	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
	Course	!S		V (2) -	+ Ü (2)						
	Method	d of ass	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) term paper (approx. 10 to 15 pages) and presentation (approx. 10 minutes), weighted 2:1 creditable for bonus							
	Participants and allocation of places Seminar: Information S			Bache rentia accor by lot	50 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Bachelor's students of Wirtschaftsinformatik (Business Information Systems) (BSc with 180 ECTS credits) 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. (4) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (5) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-Wiinf-FS-212-	Semina	ar: Infor	mation Sy	stems							
mo1	ECTS	5	Duration)	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
	Course	!S		S (2)							
	Method	d of ass	essment	Langu	rm paper (approx. 20 pages) and presentation (approx. 20 minutes), (weighted 2:1) nguage of assessment: German and/or English editable for bonus						
		pants ar of place		15 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Bachelor's students of Wirtschaftsinformatik (Business Information Systems) (BSc with 180 ECTS credits) 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. (4) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (5) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-WebP-F-152-	Web Pr	rogramr	ming		•						
mo1	ECTS	5	Duration)	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
	Course	!S		V (2) -	+ Ü (2)						
	Method	d of ass	essment	2: app writte	orox. 20 minutes; n examination (ap		30 minutes) or c) compl eighted 1:1		prox. 10 to 15 minutes; groups of ercises (approx. 20 hours) and		
12-Ebus-F-212-m01		ness									
	ECTS	5	Duration	1	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
	Course			V (2) -							
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) term paper (approx. 10 pages) and presentation (approx. 10 minutes), weighted 2:1 or d) oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate) Language of assessment: German and/or English							

12-AWE-152-m01	Advanc	ed Web	Enginee	ring								
	ECTS	5	Duration	n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (2) ·	+ Ü (2)							
	Method	d of ass	essment	2: app writte	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes; gr 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) completion of programming exercises (approx. 20 hours written examination (approx. 60 minutes), weighted 1:1 Language of assessment: German and/or English							
12-EBP-152-m01	E-Busi	ness Pro	oject				,					
	ECTS 5 Duratio			1	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (2) ·	+ Ü (2)		,					
	Method	d of ass	essment	prese tes)	a) written examination (approx. 60 minutes) or b) term paper (approx. 20 pages) or c) term paper (approx. 10 to 20 pages presentation (approx. 15 minutes), weighted 2:1 or d) entirely or partly computerised written examination (approx. 60 min es) .anguage of assessment: German and/or English							
12-BIF-211-m01	Business Intelligence											
	ECTS 5 Duratio			n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (2) ·	V (2) + Ü (2)							
	Method of assessment			a) Written examination (approx. 60 minutes) or b) Term paper (approx. 20 pages) or c) Term paper (10 to 20 pages) and presentation (approx. 15 minutes), weighted 2:1 or d) entirely or partly computerised written examination (apprx. 60 minutes) Language of assessment: German and/or English								
12-PFM-192-m01	Progra	mming	for Manag	gemen	t Students		,					
	ECTS	5	Duration	n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (2) ·	+ Ü (2)		•					
	Method	d of ass	essment	a) Written examination (approx. 60 minutes) or b) Oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate) or c) Programming exercises (approx. 20 hours total) and written examination (approx. 60 minutes), weighted 1:1 or d) entirely or partly computerised written examination (approx. 60 minutes) Language of assessment: German and/or English								

12-DM-F-202-m01	Data Management and Analysis											
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (2) -	+ Ü (2)		,					
	Method	d of ass	essment	b) terr c) terr d) ora Langu	a) Written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) term paper (approx. 10 pages) and presentation (approx. 10 minutes); (weighted 2:1) or d) oral examination (groups of up to 3; approx 10 minutes per candidate) Language of assessment: German and/or English creditable for bonus 50 places. (1) No restrictions with regard to available places for Bachelor's students of Wirtschaftsinformatik (Business Information Systems) (BSc with 180 ECTS credits). (2) Additional places will be allocated to students of other subjects provided there is enough capacity. These additional places will be allocated by lot among all applicants irrespective of their subjects. (3) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (4) A waiting list will be maintained and places re-allocated by lot as they become available. (4) A waiting list will be maintained and places re-allocated by lot as they become available.							
	Particip cation (of place	25	(1) No stems (2) Ac ces w (3) Pla ting li (4) A								
12-PEBI-211-m01					king in Business Information Systems							
	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S			V (2) + Ü (2) Module taught in: German and/or English							
	Method of assessment			a) Written examination (approx. 60 minutes) or b) oral examination of one candidate each (approx. 20 to 30 minutes) c) exercises (approx. 6 pages) Language of assessment: German and/or English Creditable for bonus								
12-PDS-211-m01	Primer	in Data	Science									
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (2) + Ü (2) Module taught in: German and/or English								
	Method	d of ass	essment	a) written examination (approx. 60 minutes) or b) oral examination of one candidate each (approx. 20 to 30 minutes) or c) exercises (approx. 6 pages) Language of assessment: German and/or English creditable for bonus								
12-BSINI-212-m01	Busine	ss Stra	tegy for In	forma	tion and Network I	ndustries						
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		V (2) + Ü (2) Module taught in: German and/or English								
	Method of assessment			a) written examination (approx. 60-120 minutes) or b) term paper (approx. 10 pages) and presentation (approx. 15 minutes); (weighted 2:1) Language of assessment: German and/or English								

12-CE-212-m01	Computational Economics											
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		P (2) Modu	P (2) Module taught in: German and/or English							
	Method	d of asse	essment	writte Langu	written examination (approx. 60 minutes) and exercises (approx. 10 pages), (weighted 1:1) Language of assessment: German and/or English							
	Particip cation	oants an 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-PD-152-m01	Practic	e of Dat	a Analysi	S								
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (2) ·	+ Ü (2)							
	Method	a) written examination (approx. 60 minutes) or b) term paper (approx. 10 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English										
12-CQW-212-m01	Compu	terlab -	Applied E	conon	conometrics							
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		P (2)	•							
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (approx. 10 pages) and presentation (approx. 20 minutes), weighted 2:1								
	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-QWF-FS-212-	Semina	r: Econ	ometrics									
mo1	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S	•	S (2)		•		•				
	Method	of asse	essment	term paper (approx. 15 pages) and presentation (approx. 25 minutes), (weighted 2:1)								
	Particip cation	ants an of place		all ap	15 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-IntUR-G-212-	Manag	erial Ac	counting									
mo1	ECTS 5 Duratio			1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	Courses			V (2) + T (2)							
	Method of assessment			written examination (approx. 60 minutes) Language of assessment: German and/or English								

12-Wipr1-F-212-	Financia	l Accou	nting					1				
mo1	ECTS 5	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V (2) -	V (2) + Ü (2)							
	Method	of asse	ssment	a) written examination (approx. 60 minutes) or b) term paper (approx. 10 pages) Language of assessment: German and/or English								
12-Wipr2-F-212-	Internati	onal A	ccountin	ng								
mo1	ECTS 5	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V (2) -	+ Ü (2)			*				
				b) teri Langu	a) written examination (approx. 60 minutes) or b) term paper (approx. 10 pages) Language of assessment: German and/or English							
12-Wipr3-F-212-	Financia	incial Statement Analysis and Valuation										
mo1	ECTS 5 Duration			1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses				+ Ü (2) le taught in: German	and/or English						
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (approx. 10 pages) Language of assessment: German and/or English								
12-Wipr-FS-212-	Seminar	: Finan	cial Acco	Accounting								
mo1	ECTS 5	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			S (2)		•		•				
	Method	of asse	ssment	term paper (approx. 15 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English								
	Participants and allo- cation of places			all ap	15 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-I&F-F-192-m01	Decision	Theor	у									
	ECTS 5	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V (2) + Ü (2)								
	Method	of asse	ssment	Written examination (approx. 60 minutes)								

12-I&F-FS-212-m01	Seminar: Inv	Seminar: Investment and Finance											
	ECTS 5	Duratio	n 1 semester	Method of grading in	umerical grade	Modul level	undergraduate						
	Courses	·	S (2)										
	Method of as	sessment	term paper (approx. 15	pages) and oral examinat	ion (approx. 25 minutes)), (weighted 3:2)							
	Participants cation of pla		cants irrespective of the (2) Places on all course	5 places. 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-ERM-211-m01	Introduction to Risk Management												
	ECTS 5	Duration		Method of grading In	umerical grade	Modul level	undergraduate						
	Courses		V (2) + Ü (2)										
		sessment	<u> </u>	oprox. 60 minutes)									
12-UBW-F-152-mo1		Method of assessment written examination (approx. 60 minutes) Business Valuation between Financial Mathematics and Data on Capital Market											
	ECTS 5	Duratio		Method of grading In		Modul level	undergraduate						
	Courses		V (2) + Ü (2)										
		sessment	written examination (ar	oprox. 60 minutes)									
12-ExtUR-G-212-	Accounting		(
mo1	ECTS 5	Duratio	n 1 semester	Method of grading In	umerical grade	Modul level	undergraduate						
	Courses		V (2) + T (2)	, 5		ļ.							
	Method of as	ssessment	written examination (ap	oprox. 6o minutes) nt: German and/or English	1								
12-St1-F-152-m01	Business Taxation 1: An Introduction to Tax Law & Tax Planning												
	ECTS 5	Duratio	n 1 semester	Method of grading In	umerical grade	Modul level	undergraduate						
	Courses	, ,	V (2) + Ü (2)	'		,							
	Method of as	sessment	written examination (ap	oprox. 60 minutes)									
12-St2-F-152-m01	Business Tax	cation 2: Th	e Taxation of Income in	Germany									
	ECTS 5	Duratio	n 1 semester	Method of grading In	umerical grade	Modul level	undergraduate						
	Courses		V (2) + Ü (2)			•							
	Method of as	sessment	written examination (ap creditable for bonus	oprox. 60 minutes)									
12-St3-F-152-m01	Business Tax	cation 3: In	troduction to VAT										
	ECTS 5	Duratio	n 1 semester	Method of grading in	umerical grade	Modul level	undergraduate						
	Courses	,	V (2) + Ü (2)										
	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) creditable for bonus										
Bachelor's with 1 major F	Conomathematics (2022)			IMII Wiirzhurg • generated 21-0	Okt-2022 • evam reg datar	ecord 82 276 - - H 2022 nage 10 / 30						

12-StAP-V-212-m01	Selecte	d Topic	s in Busir	iess T	axation	,							
12 00 7 222 02		5	Duration		1 semester	Method of grading	numerical grade	Modul leve	el undergraduate				
	Courses			V (2)	+ Ü (2)	1 0							
	Method	of ass	essment			(approx. 60 minutes)		o minutes), (weighted	2:1) or				
				c) c) c Langi	b) term paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes), (weighted 2:1) or (c) or all examination in groups of up to 3 candidates (approx. 10 minutes per candidate) anguage of assessment: German and/or English creditable for bonus								
12-StAP-S-212-m01	Semina	ır: Busi	ness Taxa	tion		,		,					
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul leve	el undergraduate				
	Courses	S		S (2)	-			•					
	Method	l of ass	essment	b) ter c) c) c Langu	written examination (approx. 60 minutes) or term paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes), (weighted 2:1) or c) oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate) nguage of assessment: German and/or English ditable for bonus								
	Particip cation o			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-KR-152-m01	Manage	erial Ac	counting:	cost-	based decision-ma	aking and control		'	'				
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul leve	el undergraduate				
	Courses	S	•	V (2)	+ Ü (2)								
	Method	of ass	essment	writte	written examination (approx. 60 minutes)								
12-VeCo-212-mo1	Sales A	ccount	ing & Mar	nagem	ent								
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul leve	el undergraduate				
	Courses			V (2)	•			•					
	Method of a			writte	n examination (ap	oprox. 60 minutes)							
	Participants and allo- cation of places			all ap	40 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-AAC-212-m01	Semina	ır: Man	agerial Ac	count	ing								
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul leve	undergraduate				
	Courses	S		S (2)				-					
	Method	of ass	essment	term	paper (approx. 12	pages) and presentat	on (approx. 20 minute	es), (weighted 2:1)					

12-EuGP-F-212-	Monetary Policy and Financial Markets											
mo1	ECTS 5	5 Duration	n	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses	,		V (2) + Ü (2) Module taught in: German and/or English								
	Method	of assessment		ritten examination (approx. 60 minutes) anguage of assessment: German and/or English								
12-IFM-212-m01		ional Money & I	Finance									
	ECTS 5	5 Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses			+ Ü (2) ıle taught in: Germa	an and/or English		-					
	Method	of assessment		n examination (appuage of assessment	orox. 60 minutes) t: German and/or English							
12-AKP-211-m01	Applied I	Business Cycle	Analys	sis and Forecasting								
	ECTS 5	5 Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses		S (2) Modu	S (2) Module taught in: German and/or English								
	Method	of assessment	prese	a) Written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) term paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes); (weighted 2:1) or d) oral examination (approx 20 minutes) Language of assessment: German and/or English								
12-VWL1-FS-212-	Seminar: Economic Policy											
mo1	ECTS 5	5 Duration	n	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses	·	S (2) Module taught in: German and/or English									
	Method	of assessment	term paper (approx. 15 pages) and presentation (approx. 25 minutes), (weighted 2:1) Language of assessment: German and/or English									
	Participa cation of	nts and allo- f places	15 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-Fiwi-FS-212-	Seminar	: Public Finance	;									
mo1	ECTS 5	5 Duration	n	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses		S (2)									
	Method of assessment term paper (approx. 15 pages) and presentation (approx. 25 minutes), weighted 2:1											
12-VM-152-m01	Insuranc	e Markets										
	ECTS 5	5 Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses		_ ` ´	+ Ü (2)								
	Method	of assessment	written examination (approx. 60 minutes)									

12-Konj1-F-212-	Busine	ss Cycl	e Analysis	5		1						
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (2)	+ Ü (2)				-			
	Method	d of ass	essment	b) ter	m paper (as group	approx. 60 minutes) c or individual work, ap	prox. 10 pages each pe	rson) or				
	- •			c) oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate)								
12-KUV-211-m01					s, corporate finance and asset markets							
		5	Duratio		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course			S (2)	3							
	Method	d of ass	essment	term	paper (approx. 15 p	pages) and presentation	on (approx. 25 minutes)	, weighted 2:1				
12-EM-211-m01	Europe	an Mac	roeconom	nics								
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V (2)								
	Method of assessment			(weig	a) Written examination (approx. 60 minutes) or b) term paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes); (weighted 2:1) or c) oral examination (approx 20 minutes) Language of assessment: German and/or English							
12-P&O-F-212-m01	Human Resource Management											
	ECTS 5 Duratio			n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V (2)	+ Ü (2)	<u> </u>	•	'				
	Method of assessment			written examination (approx. 60 minutes)								
12-P&O-FS-212-	Seminar: Human Resource Management & Organizational Theory											
mo1	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade		Modul level	undergraduate			
	Course	S	- V	S (2)	•	-	•	,				
	Method	d of ass	essment	term paper (approx. 15 pages) and presentation (approx. 20 minutes), (weighted 1:1) Language of assessment: German and/or English								
	Participants and allo- cation of places			15 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-IntÖk-152-m01	Interna	tional I	Economics	5								
	ECTS 5 Duratio			n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (2) + Ü (2)								
	Method of assessment			written examination (approx. 60 minutes) Language of assessment: German and/or English								

12-IntÖk-FS-152-	Semina	ar: Inter	national I	Econor	nics			1				
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	:S	·	S (2)	-			,				
	Method	d of ass	essment		term paper (approx. 15 pages) and presentation (approx. 30 minutes), weighted 3:1							
					Language of assessment: German and/or English							
		oants ar		10 pla	o places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among ll applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be							
	Cation	oi piace	.5		allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-ARS-152-m01	Applie	d Regio	nal and U	rban E	ban Economics							
	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	·S		V (2)	+ Ü (2)							
	Method of assessment			didat	es	(approx. 60 minutes) ont: German and/or Eng	, , , , , , , , , , , , , , , , , , , ,	. 10 pages) including er	mpirical analysis prepared by can-			
12-WiPo-G-212-	Public	Policy		Lang		- Comman ana, or Eng		,				
mo1	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	·S	,		+ T (2)		•					
			,			an and/or English						
	Metho	d of ass	essment			(approx. 60 minutes) (or					
				Langi	rtfolio (approx. 20 Jage of assessmer	pages) it: German and/or Eng	lish					
12-A&S-F-212-m01	Labour Economics											
	ECTS 5 Duratio		Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	·S		V (2) + Ü (2) Module taught in: German and/or English								
	Method	d of ass	essment	a) written examination (approx. 60 minutes) or								
					rtfolio (approx. 20	pages) nt: German and/or Eng	dich					
12-LES-211-m01	Semina	ar: Labo	ur Econor		age of assessifier	TI. German and/or Ling	,0311					
12 663 211 11101	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course		1	S (2)	1			1110 0011 10101				
				Mòdu	Module taught in: German and/or English							
	Method	d of ass	essment		Term paper (approx. 15 pages) and presentation (approx. 15 minutes), weighted 3:2							
ıö	-	• •	• •		anguage of assessment: German and/or English							
12-lÖ-152-m01	ECTS		nformatio					Lundorgraduata				
		5	Duratio		1 semester	Method of grading	Thumerical grade	Modul level	undergraduate			
	Course		occmont	` `	+ Ü (2)	unroy 60 minutos)						
	Metho	u 01 d55	CSSIIIEIII	written examination (approx. 60 minutes)								

12-IAO-212-m01	Seminar: Decision Making and Incentive Design											
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		S (2)			•		-			
				Module taught in: German and/or English								
	Method	d of ass	essment		Term paper (approx. 10 pages) and presentation (approx. 20 minutes), (weighted 2:1) Language of assessment: German and/or English							
12-EWJ-192-m01	Introdu	ction t	o Busines			t. German and/or Eng	(1311					
12 200, 192 11101		5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course				+ Ü (2)			- Industrier	_ undoignated			
	Method	d of ass	essment	Portfo	olio (approx. 20 pag	ges) t: German and/or Eng	glish					
12-CWK-192-m01	Crossm	nedia S	torytelling	g in Bu	siness Communica	tion		ľ				
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S	•	S (2)		•		•				
	Method	d of ass	essment	Portfolio (approx. 20 pages) Language of assessment: German and/or English								
	cation		nd allo- es	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-WUW-211-m01	Seminar: Business Journalism and Business Communication											
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S	·	S (2)		•						
	Method of assessment			term paper (approx. 10 to 15 pages) and presentation (approx. 15 minutes); (weighted 1:1) Language of assessment: German and/or English								
12-VGP-192-m01	Manag	erial Pr	actice Lec	tures								
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course			S (2)								
	Method	d of ass	essment	Portfolio (approx. 20 pages) Language of assessment: German and/or English								
12-VWP-211-m01	Econon	nist Pra	ctice Lect	ures				'				
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course			S (2)								
	Method of assessment			a) oral examination (approx 30 minutes) or b) 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-CCER-212-m01	Challen	ges of C	hina's E	conom	ic Rise							
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses	5		V (2)								
	Method	of asse	ssment			(approx. 60 minutes) o						
								to 15 minutes), (weighte				
	Participa cation o			all ap	o places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among l applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be located in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-APW1-212-m01	Selected	d Topics	of Busii	ness M	anagement and E	conomics 1		,				
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses	5		V (2)	+ Ü (2)			*				
	Method	of asse	ssment	term	ten examination (approx. 60 minutes) or n paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or examination (approx. 20 minutes)							
12-APW2-212-m01	Selected	d Topics	pics of Business Management and Economics 2									
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses	5		V (2)	+ Ü (2)	,		,				
	Method	of asse	ssment	term	vritten examination (approx. 60 minutes) or erm paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or							
12-SC-232-m01	Social C	ommer	ce									
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level				
	Courses	5			+ Ü (2) le taught in: Germ	nan and/or English						
	Method	of asse	ssment	b) po Langu	a) written examination (approx. 60 minutes) or b) portfolio (50-75 hours) Language of assessment: German and/or English creditable for bonus							
12-CA-232-m01	Custom	er Analy	/tics					,				
	ECTS 5 Duratio			1	1 semester	Method of grading	numerical grade	Modul level				
	Courses	5		V (2) + Ü (2) Module taught in: German and/or English								
	Method of assessment			written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus								

12-DD-	Dat	a-Driv	ven Su	pply Cha	in Mar	agement								
SCM-232-m01	ECT	S 5	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level					
	Cou	ırses				+ Ü (2)	.,		·					
						le taught in: Germai								
	Me	thod (of asse	essment		tten examination (a _l n paper (15 to 20 pa	oprox. 60 minutes) or							
						term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate)								
					d) ora									
						e) portfolio (50 to 75 hours) anguage of assessment: German and/or English								
12 DSCM 222 mo1	Sor	minar	. Digit:	lization		ply Chain Managem		1511	-					
12-D3CM-232-11101	ECT			Duration		1 semester	Method of grading	numerical grade	Modul level	1				
		ırses)	Duration	S (2)	1 Semester	Method of grading	numerical grade	Modul level					
		11303				le taught in: Germai	n and/or English							
	Me	thod	of asse	essment	term paper (10-15 pages) and presentation (approx. 10 minutes); weighted 2:1									
					Language of assessment: German and/or English									
12-SCA-232-m01				ly Chain A			1							
	ECTS 5 Duration			1 semester	Method of grading	numerical grade	Modul level							
	Courses				S (2) Modu	le taught in: Germar	n and/or English							
	Me	thod	of asse	essment	term paper (10-15 pages) and presentation (approx. 10 minutes); weighted 2:1 Language of assessment: German and/or English									
12-DMOT-232-mo1	Dec	ision	-Makir	ng in Org	rganizations and Teams									
	ECT	S 5	5	Duration		1 semester	Method of grading	numerical grade	Modul level					
	Cou	ırses				+ Ü (2) le taught in: Germar	n and/or English							
	Me	thod	of asse	essment	a) written examination (approx. 60 minutes) or b) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) Language of assessment: German and/or English									
12-MDT-232-m01	Ma	nager	ment 8	Digital 1	ransfo	rmation			'					
	ECT	S 5	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level					
	Cou	ırses			V (2) + Ü (2) Module taught in: German and/or English									
	Method of assessment			essment	a) written examination (approx. 60 minutes) or b) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) Language of assessment: German and/or English creditable for bonus									

12-Wise-FS-232-	Seminar: Infor	mation Sy	stems	and Engineering								
mo1	ECTS 5	Duration		1 semester	Method of grading	numerical grade	Modul level					
	Courses		S (2) Modul	S (2) Module taught in: German and/or English								
	Method of ass		term paper (approx. 20 pages) and presentation (approx. 20 minutes); weighted 2:1 Language of assessment: German and/or English creditable for bonus									
12-Wiba-FS-232-	Seminar: Information Systems and Business Analytics											
mo1	ECTS 5	Duration		1 semester	Method of grading	numerical grade	Modul level					
	Courses		S (2) Modul	e taught in: German	and/or English							
	Method of ass		Langua	aper (approx. 20 pa age of assessment: able for bonus								
12-Wiki-FS-232-	Seminar: Infor	mation Sy	stems	and Enterprise Artif	ficial Intelligence		,					
mo1	ECTS 5	Duration		1 semester	Method of grading	numerical grade	Modul level					
	Courses		S (2) Module taught in: German and/or English									
	Method of ass		term paper (approx. 20 pages) and presentation (approx. 20 minutes); weighted 2:1 Language of assessment: German and/or English creditable for bonus									
12-SDM-232-m01	Simulation for	Decision I	Making	3								
	ECTS 5	Duration		1 semester	Method of grading	numerical grade	Modul level					
	Courses		V (2) + Ü (2) Module taught in: German and/or English									
	Method of ass		a) written examination (approx. 60 minutes) or b) term paper (15 to 20 pages) or c) term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) e) portfolio (50 to 75 hours) Language of assessment: German and/or English creditable for bonus									

12-GDA-232-m01	Geospa	tial Da	ta Analyti	cs & S	mart Cities			,				
	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul leve	l			
	Courses	S		V (2) - Modu	+ Ü (2) le taught in: Germar	n and/or English		•				
	Method	d of ass	essment	b) terr c) terr d) ora e) por Langu	a) written examination (approx. 60 minutes) or b) term paper (15 to 20 pages) or c) term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) e) portfolio (50 to 75 hours) Language of assessment: German and/or English creditable for bonus							
12-DDD-232-m01	Data-Di	riven Do	ecisions i	n Pract	ice			'				
	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul leve	l			
	Courses	S	,	V (2) - Modu	+ Ü (2) le taught in: Germar	n and/or English		,				
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (15 to 20 pages) or c) term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) e) portfolio (50 to 75 hours) Language of assessment: German and/or English creditable for bonus								
12-DAS-232-m01	Data So	cience a	and Applie	ed Ecor	nometrics in Busines	ss and Economics						
	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul leve	l			
	Courses	S		V (2) - Modu	+ Ü (2) le taught in: English	l						
	Method	d of ass	essment	written examination (approx. 60 minutes) Language of assessment: German and/or English								
12-EV-232-m01	Semina	ır: Empi	irical and	Experi	Experimental Psychology and Economics							
	ECTS 5 Duratio		1	1 semester	Method of grading	numerical grade	Modul leve	l				
	Courses			S (2) Module taught in: German and/or English								
	Method of assessment			term paper (10-15 pages) and presentation (approx. 20 minutes); weighted 2:1 Language of assessment: German and/or English								

12-BEE-232-m01	Behavioral and Experimental Economics												
	ECTS 5	Duratio	n 1 semester	Method of grading	numerical grade	Modul level							
	Courses	·	V (2) + Ü (2) Module taught in:	V (2) + Ü (2) Module taught in: German and/or English									
	Method of	fassessment	b) term paper (15 to c) term paper (10 to d) oral examination	a) written examination (approx. 60 minutes) or b) term paper (15 to 20 pages) or c) term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) Language of assessment: German and/or English									
12-GAE-232-m01	Globalizat	tion and the E	nvironment										
	ECTS 5	Duratio	n 1 semester	Method of grading	numerical grade	Modul level							
	Courses	,	V (2) + Ü (2) Module taught in:	(2) + Ü (2) odule taught in: German and/or English									
	Method of	fassessment	b) term paper (15 to c) term paper (10 to d) portfolio (50 to 7	a) written examination (approx. 60 minutes) or b) term paper (15 to 20 pages) or c) term paper (10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or d) portfolio (50 to 75 hours) Language of assessment: German and/or English									
Subfield Compute	r Science (o	-10 ECTS credi	ts)										
10-I-ST-152-m01	Software Technology												
	ECTS 10	Duratio	n 1 semester	Method of grading	numerical grade	Modul level	undergraduate						
	Courses		V (4) + Ü (2)										
	Method of	fassessment	If announced by th of one candidate e date). creditable for bonu	ach (approx. 20 minutes) o	of the course, the written exam		replaced by an oral examination s (approx. 15 minutes per candi-						
	Referred to	o in LPO I	§ 49 Nr. 1b § 69 Nr. 1b										
Compulsory Electi	ves Analysis	s (5 ECTS cred	its)										
10-M-ANB1-222-	Analysis 1	for Economat	hematics										
mo1	ECTS 5	Duratio	n 1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate						
	Courses	,	Ü (2)			•							
	Method of	f assessment	written examination (approx. 90 to 180 minutes) and written exercises (approx. 12 exercise sheets with approx. 4 exercises each) Language of assessment: German and/or English										

10-M-ANB2-222-	Analysis 2 f	or Economa	thema	tics							
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		Ü (2)	•							
	Method of a	ssessment	writte	written examination (approx. 90 to 180 minutes) and written exercises (approx. 12 exercise sheets with approx. 4 exercises							
			each)		t: German and/or Eng	lich					
Commulation Floation	van Limany Ala				L: German and/or Eng	11511					
Compulsory Electiv											
10-M-LNB1-222- mo1				omathematics							
IIIOI	ECTS 5	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		Ü (2)					-			
	Method of a	issessment			orox. 90 to 180 minute	es) and written exercises (appro	ox. 12 exercise s	sheets with approx. 4 exercises			
				each) Language of assessment: German and/or English							
10-M-LNB2-222-	Linear Algel	inear Algebra 2 for Economathematics									
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses	l.	Ü (2)	J (2)							
	Method of a	ssessment	writte	n examination (app	orox. 90 to 180 minute	es) and written exercises (appr	ox. 12 exercise s	sheets with approx. 4 exercises			
			each)								
			Langi	lage of assessment	t: German and/or Eng	lish					
Key Skills Area (20		*									
General Key Skills In addition to the n			dents i	may also take modı	ules offered by JMU as	part of the pool of general trar	nsferable skills	(ASQ).			
General Key Skills	(subject-spec	cific)									
10-M-Tu-	Exercise tut	or or proof-	reading	g in Mathematics							
Ko-152-mo1	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		T (o)	•	•		•	-			
	Method of a	ssessment	Assessment of tutoring activities or correcting work by supervising lecturers or exercise supervisors (1 to 2 teaching units or approx. 5 pieces of correcting work)								
	other prerec	 uisites				tor Mathematics, he/she will s	elect participan	ts.			
	Referred to i	•	Please direct application to teaching coordinator Mathematics, he/she will select participants. § 22 II Nr. 3 f)								
10-M-VHB1-152-				ing Mathematics 1							
mo1	ECTS 2	Duratio									
	Courses		Ü (2)								
				Course type: eLearning, mostly Virtuelle Hochschule Bayern (vhb)							
	Method of a	ssessment	proje	project (web-based, 15 to 20 hours)							
			Asses	Assessment offered: Once a year, winter semester							

10-M-VHB2-152-	E-Learr	ning and	d Blended	Learn	Learning Mathematics 2								
mo1	ECTS	2	Duratio	1	1 semester	Method of grading (not) successfully completed Modul level undergraduate							
	Course	S		Ü (2) Cours	se type: eLearning, n	mostly Virtuelle Hochschule Bayern (vhb)							
	Method	d of ass	essment		project (web-based, 15 to 20 hours) Assessment offered: Once a year, summer semester								
Subject-specific K	ct-specific Key Skills (15 ECTS credits)												
Subject-specific K	ey Skills	, Compu	ılsory Cou	ırses (:	12 ECTS credits)								
10-M-GBM-152-	Basic N	Basic Notions and Methods of Mathematical Reasoning											
mo1	ECTS	2	Duratio	<u> </u>	1 semester	Method of grading (not) successfully completed Modul level undergraduate							
	Courses			V (1) -	+ Ü (1)								
	Method of assessment				project (10 to 15 pages) Language of assessment: German and/or English								
	Additional Information			Addit	dditional information on module duration: block taught prior to the beginning of the lecture period.								
	Referred to in LPO I				l Nr. 1 h) l Nr. 2 f)								
10-M-ASM-152-	Reasor	ning and	Writing	in Mat	hematics								
mo1	ECTS 2 Duratio		1	1 semester	Method of grading (not) successfully completed Modul level undergraduate								
	Course			V (1) -									
	Method of assessment			Language of assessment: German and/or English									
10-M-EPW-152-	Externa	al Interr	iship Bus	iness Mathematics									
mo1	ECTS	8	Duratio		1 semester	Method of grading (not) successfully completed Modul level undergraduate							
	Course		,	Ü (2)	=								
	Method	d of ass	essment	report on practical course (10 to 20 pages) and oral presentation thereof (approx. 20 minutes) Language of assessment: German and/or English									
Subject-specific K	ey Skills	, Compu	lsory Ele	ctives	(3 ECTS credits)								
10-M-COM-152-	Compu	tationa	l Mathem	atics									
mo1	ECTS 4 Duratio		Duratio	1	1 semester	Method of grading (not) successfully completed Modul level undergraduate							
	Courses			V (1) -	+ Ü (2)								
	Method of assessment			project in the form of programming exercises (approx. 20 to 25 hours) Assessment offered: Once a year, winter semester Language of assessment: German and/or English									
	Referred to in LPO I			§ 22 II Nr. 3 f)									

10-M-PRG-152-m01	Progra	mming (course fo	stude	ents of Mathematic	s and other subjects						
	ECTS	3	Duration	ı	1 semester	Method of grading (not) successfully completed	Modul level	undergraduate				
	Course	S		P (2)								
	Method	of asse	essment	project in the form of programming exercises (approx. 20 to 25 hours)								
					Assessment offered: Once a year, summer semester							
	D (1	DO 1		Language of assessment: German and/or English							
A4.1/1/15		d to in L			§ 22 Nr. 3 f)							
10-M-VHB- EQRA-222-m01	Elementary Quantitative											
LQKA-222-11101		3	Duration		1 semester	Method of grading (not) successfully completed	Modul level					
	Courses				e type: eLearning, le taught in: Englis	mostly Virtuelle Hochschule Bayern (vhb) h						
	Method of assessment				n examination (application)	orox. 90 minutes); web-based t: English						
12-Tut1-152-m01	Studen	t Teach	ing Assis	tant 1								
	ECTS 5 Duratio		ı	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Course	S		Ä (2)	-		,					
	Method of assessment written elaboration (approx. 15 to 25 pages) and presentation (approx. 90 minutes), weighted 1:1											
12-Tut2-152-m01	Student Teaching Assistant 2											
	ECTS	5	Duration	า	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		Ä (2)									
	Method of assessment		writte	written elaboration (approx. 15 to 25 pages) and presentation (approx. 90 minutes), weighted 1:1								
12-WA-212-m01	Introduction to Scientific Work											
	ECTS	3	Duration	1	1 semester	Method of grading (not) successfully completed	Modul level	undergraduate				
	Course	S		S (2)	,	·						
	Method	d of asse	essment		en elaboration (appuage of assessment	rox. 5 pages) t: German and/or English						
12-EinC-	Semina	ar: Cross	s-Cultural	Mana	gement 1 - Introdu	ction to Cross-Cultural Management						
CM-152-m01	ECTS	5	Duration	ı	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		S (2)			-					
	Method of assessment			weigh prox.	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) and presentation (approx. 15 minutes), weighted 2:1 or c) presentation (approx. 45 minutes) and term paper (approx. 10 pages), weighted 1:1 or d) term paper (approx. 20 pages) Language of assessment: German and/or English							
	Participants and allo- cation of places		35 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-VerC-	Cross-0	Cultural	Manager	nent 2	- Leading Across C	Cultures					
CM-152-m01	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	S		S (2)	•			-			
	Method	d of ass	essment	weigh prox.	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) and presentation (approx. 15 minutes), weighted 2:1 or c) presentation (approx. 45 minutes) and term paper (approx. 10 pages), weighted 1:1 or d) term paper (approx. 20 pages) Language of assessment: German and/or English						
		oants ar of place		all ap	plicants irrespective	ve of their subjects. (2	Places on all courses of the m	odule with a res	ces will be allocated by lot among stricted number of places will be d by lot as they become available.		
12-IBL-SG-212-m01	China:	Busines	ss locatio	n and t	trading partner						
	ECTS 5 Duration			1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	S		S (2)	-						
	Method	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) and presentation (approx. 15 minutes), weighted 2:1 or c) presentation (approx. 45 minutes) and term paper (approx. 10 pages), weighted 1:1 or d) term paper (approx. 20 pages)						
	Participants and allo- cation of places			 30 (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-WSI-212-m01	India: E	Busines	s location	and to	rading partner	•					
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	S	•	S (2)							
	Method of assessment			a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) and presentation (approx. 15 minutes), weighted 2:1 or c) presentation (approx. 45 minutes) and term paper (approx. 10 pages), weighted 1:1 or d) term paper (approx. 20 pages)							
	Participants and allo- cation of places			30 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-IKG-152-m01	Intercu	ltural B	usiness C	ompe	- tence	,	,					
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade		Modul level	undergraduate		
	Course	S		S (2)		,			•			
	Method	d of asse	essment	weigh						ation (approx. 15 minutes), ghted 1:1 or d) term paper (ap-		
	Particip cation (oants an of place		all ap	30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot a all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become avail							
12-IM1-152-m01	Intercu	ltural M	lanageme	nt 1		,						
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade		Modul level	undergraduate		
	Course	5	*	S (2)		·						
	Method	d of asse	essment	weigh						ation (approx. 15 minutes), ghted 1:1 or d) term paper (ap-		
	Particip cation (ants an of place		all ap	plicants irrespec	tive of their subjects. (2) Places on all cours	ses of the mo	dule with a res	ces will be allocated by lot among stricted number of places will be I by lot as they become available.		
12-IM2-152-m01	Intercultural Management 2											
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade		Modul level	undergraduate		
	Course	5		S (2)								
	Method	d of asse	essment	and t	erm paper (appro	ox. 10 pages), weighted	1:1 or c) term paper	(approx. 20 J	pages)	resentation (approx. 45 minutes)		
		ants an of place		all ap	plicants irrespec	tive of their subjects. (2) Places on all cours	ses of the mo	dule with a res	ces will be allocated by lot among stricted number of places will be I by lot as they become available.		
12-EinGS-152-m01	Global	System	s and Inte	ercultu	ral Competences	s - Economic Aspects o	Globalization. An In	ntroduction				
	ECTS	5	Duration		1 semester	Method of grading	numerical grade		Modul level	undergraduate		
	Course			S (2)								
	Method of assessment			weigh	tten examination nted 2:1 or c) pres 20 pages)	ı (approx. 60 minutes) sentation (approx. 45 n	or b) term paper (app iinutes) and term pap	prox. 15 page per (approx.	es) and present 10 pages), wei	ation (approx. 15 minutes), ghted 1:1 or d) term paper (ap-		
	Particip cation (oants an of place		all ap	plicants irrespec	tive of their subjects. (2) Places on all cours	ses of the mo	dule with a res	ces will be allocated by lot among stricted number of places will be I by lot as they become available.		

12-VerGS-152-mo1	Global	Systems	s and Inte	ercultu	ral Competences - E	conomic Aspects of	Globalization - Advanced Level					
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S	•	S (2)	•			-				
	Method	d of asse	essment		a) term paper (approx. 15 pages) and presentation (approx. 15 minutes), weighted 2:1 or b) presentation (approx. 45 minutes) and term paper (approx. 10 pages), weighted 1:1 or c) term paper (approx. 20 pages)							
		Participants and allo- cation of places			10 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-WUE-152-m01	Econon	nic and I	Business	Ethics								
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S	,	S (2)	,			,				
	Method	d of asse	essment		tten examination (aps), weighted 1:2	pprox. 60 minutes) o	r b) presentation (approx. 20 m	inutes) and wri	tten elaboration (approx. 15 to 20			
12-WPM-192-m01	Securit	ies Man	agement									
	ECTS	5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	S	•	S (4)	5 (4)							
	Method	d of asse	essment	Prese	ntation (approx. 60	minutes)						
	Participants and allo- cation of places			(1) Sh cants (2) Pla	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-DAT-152-m01	DATEV	- Introdu	duction to DATEV-Software for Tax Accounting									
	ECTS	3	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	S		V (2)	/ (2)							
	Method	d of asse	essment		n examination (appr							
	Participants and allo- cation of places			all ap	plicants irrespective	of their subjects. (2)	Places on all courses of the m	odule with a res	ces will be allocated by lot among stricted number of places will be I by lot as they become available.			
12-SAP-152-m01	SAP ER	P Huma	n Capital	Mana	gement							
	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (2)								
	Method	d of asse	essment		n examination (appr							
	Participants and allocation 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-MPS-152-m01	Manag	erial Pro	blem So	lving								
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S	,	V (2) -	+ Ü (2)	•		•	•			
	Method	d of asse	essment	ges e Langu	ach)	pprox. 6o minutes) or : German and/or Engli	·	ercises (approx.	12 exercise sheets, approx. 3 pa-			
		oants an of place		all ap	40 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-GSN-152-m01	Basics	of Supp	ly Netwo	rks	'			,				
	ECTS 3 Duration			n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses				+ Ü (2)	<u>. </u>			•			
	Method	d of asse	essment	weigh prox.	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) and presentation (approx. 15 minutes), weighted 2:1 or c) presentation (approx. 45 minutes) and term paper (approx. 10 pages), weighted 1:1 or d) term paper (approx. 20 pages) Language of assessment: German and/or English							
12-MSN-192-m01	Management of Supply Networks											
	ECTS 3 Duratio			n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (2) ·	+ Ü (2)							
	Method	d of asse	essment	b) Ter c) Pre d) Ter	m paper (approx. 15 sentation (approx. 2 m paper (approx. 20	45 minutes) and term	tion (approx. 15 minutes), wei paper (approx. 10 pages), wei					
12-PWS-152-m01	Profess	sional A	pply									
	ECTS	2	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	S		S (2)	,							
	Method	d of asse	ssessment written elaboration (approx. 5 to 10 pages) and presentation (approx. 15 minutes), weighted 1:1									
12-PPR-152-m01	Profess	sional P	resentati	on								
	ECTS 2 Duratio			tion 1 semester		Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	S		S (2)								
	Method	d of asse	essment	t presentation (approx. 15 to 30 minutes)								

12-P&Ocase-F-152-	Manag	ement (Case Stud	ies								
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		S (2)								
	Method	d of asso	essment				d presentation (approx. 20 t	o 30 minutes), wei	ghted 1:1			
					Language of assessment: German and/or English							
	cation	oants ar of place	!S	all ap	16 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-MIU-152-m01	Managing interactive - Business Simulation Game											
	ECTS	5	Duration	1	1 semester	Method of grading	(not) successfully complete	ed Modul level	undergraduate			
	Course	S		S (2)	-			,				
				prese Langı	ntation (approx. 10 lage of assessment	minutes), weighted a German and/or Eng	2:1 or d) presentation (appro lish	x. 20 to 30 minute	aper (approx. 10 to 15 pages) and s) or e) project (approx. 20 hours)			
		oants ar of place		all ap	places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be ocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-PM-F-152-m01	Project Management											
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (2)	+ Ü (2)							
	Method of assessment			prese Langu	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) term paper (approx. 10 to 15 pages) and presentation (approx. 10 minutes), weighted 2:1 or d) project (approx. 20 hours) Language of assessment: German and/or English creditable for bonus							
	Participants and allo- cation of places			35 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot amo 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-CC-KPBK-222-		plannin	g and pro	fessio	nal skills for studer	nts of Business and E						
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level				
	Course			S (4)								
	Method of assessment			a) Written examination (approx. 60 minutes) or b) Term paper (approx. 15 pages) or c) Term paper (10 to 15 pages) and presentation (approx. 10 minutes); (weighted 2:1) or d) oral examination (approx. 20 minutes) or e) Portfolio (approx. 50-75 hours)								
	Participants and allo- cation of places			Shou (1) Pla same	aces will be allocate number of subject :	d according to the nusemesters, places wi	e number of available places umber of subject semesters Il be allocated by lot. s re-allocated as they becon	independet of sub	ocated as follows: ject. Among applicants with the			

12-GM1-212-m01	General Management 1												
	ECTS 5 Duration		n 1 semester		Method of grading numerical grade	Modul level	undergraduate						
	Course	S		V (2) + Ü (2)									
	Method	d of asso	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or c) oral examination (approx. 20 minutes)									
12-GM2-212-m01	General Management 2												
	ECTS	5	Duration	1	1 semester	Method of grading (not) successfully completed	Modul level	undergraduate					
	Course	S		V (2) -	+ Ü (2)								
	Method	d of asso	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or c) oral examination (approx. 20 minutes)									
12-GM3-212-m01	General Management 3												
	ECTS	3	Duration	า	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Course	S		V (2) + Ü (2)									
	Method	d of asso	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or c) oral examination (approx. 20 minutes)									
12-GM4-212-m01	Genera	General Management 4											
	ECTS 3 Duration			1	1 semester	Method of grading (not) successfully completed	Modul level	undergraduate					
	Course	S		V (2) -	+ Ü (2)		-						
	Method	d of asso	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 10 to 15 pages) and presentation (approx. 20 minutes), weighted 2:1 or c) oral examination (approx. 20 minutes)									
12-IK-232-m01	Trainin	g of Inte	ercultural	Competences									
	ECTS 5 Duratio			1	1 semester	Method of grading numerical grade	Modul level						
	Course	S		S (2)									
	Method	d of asse	essment	a) term paper (5-10 pages) and presentation (15-30 minutes) or b) term paper (10-15 pages) or c) written examination (approx. 60 minutes) or d) portfolio (approx. 30 hours) or e) oral examination in groups of up to 3 candidates (approx. 30 minutes per candidate)									

Thesis Area (10 ECTS credits) Students may write their theses in Mathematik (Mathematics), Wirtschaftsmathematik (Mathematics for Economics) or Informatik (Computer Science) or may write an interdisciplinary thesis within these three subjects.													
10-M-BAW-152-	Thesis Economathematics												
mo1	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses			No courses assigned to module									
	Method	d of asse	essment	Bachelor's thesis (approx. 275 to 330 hours)									
	other p	rerequis		The supervisor may make the successful completion of certain modules that are relevant for the respective topic a prerequisite for the assignment of the topic.									
	Additional Information			Time to complete: 10 weeks.									