

Module Descriptions

for the Master of Science in Economics at the University of Münster from winter semester 2020/21



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Recommended Study Plan

1. term		Macroeconomics 6	Empirival 6 Methods (Final exam)	Elective é	Elective é	30 CP
2 torm	Regulatory 6 Economics (Final exam)	Elective 6	Elective 6	Elective 6	Elective 6	30 CP
3. term	Elective 6	Elective 6	Elective 6	Elective é	Elective 6	30 CP
4. term	Project Studies 6			Master's 24 thesis 24	Total of CP	30 CP 120

Microeconomics

Mo	dule Ti	tle english:	Microeconomics							
Cou	irse Pro	ogram:	Master Economics							
1	Modu	u le No: VWL MP1	State: Compulsory	Language of Inst	ruction: Englis	sh				
2	Turn: seme	each winter ester	Duration: 1 semester	Semester: 1 or 2	CP: 6	Workload (h): 180			
	Modu	ule Structure:								
	No	Туре	Course		State	Workload	(h)			
3						Presence (h + CH)	Self- Study (h)			
	1	Lecture / Exercise	Microeconomics	croeconomics Compulsory						
4	Know Cours This cover	vledge of basic mic se content: course introduces s r the following subj	integration into curricu roeconomic theory is a students to microecono jects: Consumer theory, s of game theory and int	cornerstone for lars mic theory at an inf theory of the firm,	termediate lev partial and ge	/el. The cou	ırse will			
5	Learning outcomes: Academic: During this module students will acquire knowledge of the formal methods of standard microeconomic theory which are essential for subsequent master-level courses. Students will be able to translate economic problems into a mathematical framework. Moreover, participants learn how to interpret results from such economic models. Soft skills: Students learn how to cope with basic economic problems in a formal model. By working on the problem sets and by reading the related literature students will acquire a larger degree of self- motivation and self-organization. As most of the literature is in English, language skills will be improved.									
6	Desc none	• •	electives within the mo	dules:						
7	Exam	iination: Final Mod	lule Exam							
8	Relev No	vant Work:	; Connection to Course	Duration	Part of	f final mark				
×		i na na ci ana iype				linai mare	in %			

9	Study Work: none								
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.								
	CP Assignment:								
11	Presence (see part 3)	No 1		2.00 CP					
	Relevant Work (see part 8)	No 1			4.00 CP				
	Total 6 CP								
12	Weight of the module grade for the overall grade: 6/120 (5%)								
13	Module Prerequisites: none								
14	Presence: Presence is strongly recommend	led to warrant le	arning su	ccess.					
	Mobility/Acknowledgement:								
15	Use of the module for other cou	ırse programs	Master Business Administration, Master Public Policy, Master Mathematics, Master Human Geography						
16	Responsible Lecturer: Professor Dr. Johannes Becker			Depart School	ment: of Business and Economics				
17	Misc.:								

Macroeconomics

Мо	dule Ti	tle english:	Macroeconomics							
C οι	urse Pro	ogram:	Master Economics	Master Economics						
1	Mod	ule No: VWL MP2	State: Compulsory	Language of Instr	uction: Engli	sh				
2	Turn: seme	each winter ester	Duration: 1 semester	Semester: 1 or 2	CP: 6	Workload (I	h): 180			
	Mod	ule Structure:								
	No	Туре	Course		State	Workload	(h)			
3						Presence (h + CH)	Self- Study (h)			
	1	Lecture / Exercise	Macroeconomics		Compulsory	60 h (4 CH)	120			
4	The c Theo unde	Course content: The course covers the topics growth theory and empirics and New Keynesian macroeconomics. Theoretical as well as empirical methods are discussed. The students gain an overall understanding of the interdependencies of different macroeconomic subjects.								
	Grov	ThemesLearning objectivesGrowth theory and empiricsThe knowledge of growth theory is deepened and extended.								
		/ Keynesian roeconomics		nowledge of this cla by means of a two-p ne different mechan	ass of model: period model nisms at work	s, detailed . The studer	nts are			
5	enabled to understand the different mechanisms at work in this model and transfer the knowledge to more complex models. Learning outcomes: Academic: The module conveys advanced methods in theoretical and quantitative macroeconomics, which are of special interest in various economic fields of work, such as in economic divisions of government departments, research institutes and firms. After completing the module, students are prepared for both further advanced studies in macroeconomics and for an employment in a comparable or related field of activity. Soft skills: The methodological knowledge enables the students to understand and solve a certain class of macroeconomic models on their own. The analysis and profound discussion of complex models strengthen the ability to solve problems and the ability for abstract thinking.									

6	Description of possible electives within the modules: none										
7	Examination: Final Module Exam										
	Relevant Work:										
8	No Number and Type; Connection to Course Duration Part of final mark in										
	1	final written exam		6	o min.	100 %					
9	Study	y Work: none									
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.										
	CP Assignment:										
11	Pres	ence (see part 3)	No 1			2.00 CP					
	Rele	vant Work (see part 8)	No 1			4.00 CP					
	Tota	l	6 C		6 CP						
12		ht of the module grade for th o (5%)	ie overall grade	:							
13	Modu none	ıle Prerequisites:									
14	Prese Prese	ence: ence is strongly recommende	d to warrant lea	rning	success.						
	Mobi	lity/Acknowledgement:									
15	Use of the module for other course programs Master Business Administration, Master Pul Policy, Master Mathematics, Master Human Geography					-					
16		onsible Lecturer: ssor Dr. Martin Bohl, Profess	or Dr. Bernd Kei	mpa	Depart School		siness and Economics				
17	Misc	:									

Empirical Methods

[tle english:		Empirical Methods						
Module Title english:					er Economics					
Course Program:				Master Economics						
1	Mod	ule No: VWL	MP3	State: Compulsory	Language of	Instru	ction: E	inglish		
2	Turn : seme	each winte ester	r	Duration: 1 semester	Semester: 1 c	or 2	CP: 6	Workload	l (h): 180	
	Mod	ule Structur	e:							
	No	Туре	Cou	rse		State		Workload (h)	
3								Presence (h + CH)	Self- Study (h)	
	1	Lecture	Emp	irical Methods		Comp	oulsory	30 h (2 CH)	60	
	2	Exercise	Emp	irical Methods		Comp	oulsory	30 h (2 CH)	60	
	pane and o	ldata regres quasi-experi	sion, l ments	pinary dependent variab , time series regression	les, instrument and forecasting	tal var g. Edu	riable re Icationa	gression, exp		
5	 Topics: Multiple linear regression model (estimation and hypothesis testing), nonlinar regression, paneldata regression, binary dependent variables, instrumental variable regression, experiments and quasi-experiments, time series regression and forecasting. Educational objective: Understanding the econometric techniques and how to apply them. Learning outcomes: Academic: The students are econometrically and economically literate. They recognize the importance and value of statistical thinking, training as an approach to problem solving. They are familiar with a variety of examples where econometrics helps accurately explain abstract phenomena. They can recognize and appreciate the connections between theory and applications. Students learn to independently read econometrics literature of various types (including survey articles, scholarly books, and online sources). Soft skills: Logic and Critical Thinking: Students have a facility with abstract reasoning, including the ability to abstract from concrete situations and make ideas precise by formulating them econometrically. They can analyze, test, and interpret technical arguments, in both academic and non-academic contexts. Problem solving: The students use their training in empirical methods to help guide possible lines of inquiry. They solve complex problems by identifying feasible divisions into simpler sub-problems. They gather and organize relevant information such as related problems, examples and counterexamples. They sharpen econometric questions as a problem solving strategy. They identify suitable existing methods of analysis and assess their strengths and weaknesses in the context of the problem being considered. They construct abstract models using appropriate econometric duesting and computational tools. They use computers and software as exploratory, visualization, modelling and computational tools. The stud									

	novel and elegant solutions. Communication: The students accept comments and feedback, and learn from them. They can explain fundamental concepts arising in empirical methods to non- experts. They can justify choices made during problem solving and interpretation of results. The students present the results and assessment of a problem solving strategy. They communicate logical arguments, both orally and in writing, to a range of audiences.									
6	Description of possible electives within the modules: none									
7	Exam	iination: Final Module Exam								
	Relevant Work:									
8	No	Number and Type; Connect	on to Course	on to Course Duration		Part of final mark in %				
	1	Final written exam		90	min.	100 %				
9	Stud	y Work: none								
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.									
	CP As	ssignment:	Ι							
	Pres	sence (see part 3)	No 1		1.0	оо СР				
11			No 2			оо СР				
	Rele	evant Work (see part 8)	No 1			00 CP				
	Tota	.l	6 CP		<u>[</u> P					
12	_	ht of the module grade for th o (5%)	ne overall grade	2:						
13	Mod none	ule Prerequisites:								
14	Prese Prese	ence: ence is strongly recommende	d to warrant lea	arning su	Iccess.					
	Mobi	lity/Acknowledgement:								
15	Use	of the module for other cour	se programs		Master Math	ministration, Master Public ematics, Master Human				
16	-	onsible Lecturer: Dr. Mark Trede, Professor Dr.	. Bernd Wilfling		Departmer School of E	nt: Business and Economics				
17	Misc	.:								

Regulatory Economics

Mo	Module Title english:			Regulatory Economics				Regulatory Economics							
Course Program:				Master Economics											
1	Mod	ule No: VWL	MP4	State: Compulsory	Language of Inst	r uction: Engli	sh								
2	Turn seme	: each sumr ester	ner	Duration: 1 semester	Semester: 1 or 2	CP: 6	Workload (h): 180							
	Mod	ule Structur	re:												
	No	Туре	Cours	e		State	Workload	(h)							
3							Presence (h + CH)	Self- Study (h)							
	1	Lecture	Regul	atory Economics		Compulsory	30 h (2 CH)	90							
	2	Exercise		al/Case Studies/Discus opments	sion of current	Compulsory	15 h (1 CH)	45							
4	regu will k seleo	late them ef be presente cted industr	ficiently d. Stude ies and	w to determine which in y. The advantages and d ents will learn how to ase how to implement these	isadvantages of va sess the impact of	rious regulat regulatory in:	ory instrum	ents							
	The	mes	Lea	rning objectives											
		•	pro	cess is not frictionless a	nd that players in t	he process fo	ollow their s	To learn when and when not to regulate. To understand that the regulatory process is not frictionless and that players in the process follow their self-interests. To comprehend and distinguish different targets of regulation.							
	2. lr	istruments			2. Instruments To learn different regulatory instruments and to understand their advantages										
	3. Case Studies To understand the characteristics of different industries. To learn regulator regimes and to analyze their advantages and disadvantages.														

	of these suggested regulative actions. Soft skills: In this module, students learn particularly the analysis of complex economic circumstances with multiple influencing factors as well as abstract and lateral thinking. In the exercises, the practical solution competence for applied problems is encouraged. The self-responsible preparation of the exercises supports students in their development of an autonomous approach to problem solving. Additionally, the content of the course is applied in a real life context. For this purpose and throughout the course, specific case studies are referred to, so that students gain an understanding for regulation.								
6	Description of possible electives none	within the mo	dules:						
7	Examination: Final Module Exam								
8	Relevant Work: No Number and Type; Connection to Course			ation min.	Part of final mark in %				
	1 Final written exam		90		100 %				
9	Study Work: none								
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.								
	CP Assignment:								
	Presence (see part 3)	No 1		1.00	СР				
11		No 2		0.50	· · · · · · · · · · · · · · · · · · ·				
	Relevant Work (see part 8)	No 1		4.50	СР				
	Total			6 CP					
12	Weight of the module grade for the 6/120 (5%)	ne overall grad	e:						
13	Module Prerequisites: none								
14	Presence: Presence is strongly recommende	ed to warrant le	arning su	ccess.					
	Mobility/Acknowledgement:								
15	Use of the module for other cour	se programs			nistration, Master Iuman Geography				
16	Responsible Lecturer: Prof. Dr. Theresia Theurl			Department School of Bu	: Isiness and Economics				

17	Misc.:	

Project Studies

Мос	dule Tit	tle english:	Pro	ject Studies						
Cou	rse Pro	ogram:	Ma	ster Economics						
1	Modu MP5	ile No: VWL	Sta	te: Compulsory	Language of Inst	tructi	on: Ge	rman (or English	
2	Turn: seme	each ster	Dur	ation: 1 semester	Semester: 4	CP:	6	Work	xload (h): 18	80
	Modu	Ile Structure:								
	No	Туре		Course			State		Workload	(h)
3									Presence (h + CH)	Self- Study (h)
	1	Seminar / Exercise		Project Studies			Compı	ulsory	30 h (2 CH)	150
4	other know (stati Stude evalu existi will p apply econd their simila	hand it is relat ledge of econo stics, economic ents are encour se content: ents will learn h late the existing ing research. Ba ropose a design methods that comic modelling results and disc	ed to mics aged ow to g bibl ased n for they , data cuss earch	ased on the studen the instructors' re- (as taught in the 1s delling, econometri to continue their re o design and carry iography of a resea on these results th a research project have learned in pre a analysis, question these results with o project. There have are:	search focuses. St at and 2nd semest cs, data analysis, esearch in their ma out a research pro inch area and to st ey will have to ide in order to solve th vious economics nnaire design etc.) other students. Th	uden er) ar biblic aster ject. ructu ntify neir ic cours). The e met	ts shound of end	uld dis conom ic rese ore, th releva ch gap ed prol g. ecor earn h ogical	ey will have nic method earch etc.). ey will have nt results c s. The stud blem. They nometrics, ow to pres structure is	fficient s e to of lents will ent s
	Ther	nes		earning objectives	i					
		sessing current e of research	9	To evaluate and assistate of research ar dentify research ga	d derive the main					
		esigning a arch project	ł	To design a researc based on identified research methods t	research loophole	es. To	o propo	ose ap		oject

		Talaaayah	for on ron vioto do	to To enaluza	data	Ta anniu acanomia
	3.1 Data analysis		(e.g. statistics, eco			. To apply economic roblem.
	3.2 Questionnaire design		y necessary data fo naire. To carry out a		oroble	m. To design a
	4. Presentation of results			•		uss their results in order questioning the own
	5. Research paper	To learn ł	now to write a resea	rch paper.		
5	Learning outcomes: Academic: Students learn basic sc scientifically and syster Soft skills: The course evolves inde ability to analyze abstra skills and also the abili personal coordination of	nize result ependent s act econom ty to mode	s selection of a topic t nic issues is importa rate and critical fac	to promote pe ant. While the ulties are lea	ersona e prese rned.	al responsibility. The entation the presentation The course promotes
6	Description of possible none	electives	within the modules	:		
7	Examination: Examinat	tions for ev	very part of the mod	ule		
	Relevant Work:					
	No Number and Type	; Connecti	on to Course	Duration		Part of final mark in %
8	1 Presentation or D	iscussion (of interim results	30 min.		20 %
	2 Preparation of a v	vorking pa	per	12 - 15 page	S	80 %
9	Study Work: none					
10	Prerequisites for Credit The credit points will be completed.		fter all relevant wor	k and study v	work h	ave been successfully
	CP Assignment:					
	Presence (see part 3)		No 1		1.00 (CP
11	Polovant Work (coo no	rt 0)	No 1		1.00 (CP
	Relevant Work (see pa	11 0)	No 2		4.00	СР
	Total				6 CP	
12	Weight of the module g 6/120 (5%)	rade for th	e overall grade:			
13	Module Prerequisites:					

14	Presence: Presence is strongly recommended to warrant lea	rnin	g success.
	Mobility/Acknowledgement:		
15	Use of the module for other course programs	Ма	ster Public Policy
16	Responsible Lecturer: Professor Dr. Johannes Becker		Department: School of Business and Economics
17	Misc.: Information about the procedure can be found on economic department or on the Learnweb-platfor the topics will be allocated at the end of foregoing Masterthesis.	m.F	Please inform yourself in time, in many cases

Master's Thesis

Moe	dule Ti	tle english:	Master's Thesis				
Cou	rse Pr	ogram:	Master Economics				
1	Mod MP6	ule No: VWL	State: Compulsory	Language of In	struction: Ger	man or English	
2	Turn: seme	each ester	Duration: 1 semester	Semester: 4	CP: 24	Workload (ł	1): 720
	Mod	ule Structure	:				
	No	Туре	Course		State	Workload (h)
3						Presence (h + CH)	Self- Study (h)
	1		Thesis		Compulsory	o h (o CH)	720
	The r using acad	naster thesis g scientific m emic level. Ir	odule/integration into cur aims to show that the stu ethods within a limited tim case of a documentation	dent is able to we ne, and to presen of a project the a	t and docume cademic conc	ent the result eption, desc	s on an ription and
4	The r using acad evalu regul Cour The s on a case	naster thesis g scientific m emic level. In lation of the ations of § 1 se content: student will s scientific pro of a project i ant, not the s	aims to show that the stu ethods within a limited tim case of a documentation project are of main importa	dent is able to we ne, and to presen of a project the a ance and not the the thesis, that sl I to present his/h ption, description	t and docume cademic conc success of the ne/he is able er result in a s n and evaluati	to work indep scientific way on of the pro	s on an ription and e oendently y. In the ject is
5	The r using acad evalu regul Cour The s on a case relev acco	naster thesis g scientific m emic level. In lation of the lations of § 1 se content: student will s scientific pro of a project n ant, not the s unt.	aims to show that the stu ethods within a limited tim case of a documentation project are of main importa PO apply. how in the preparation of t blem in a limited time and report, the scientific conce success of the project. § 11	dent is able to we ne, and to presen of a project the a ance and not the the thesis, that sl to present his/h ption, description of the examinati	t and docume cademic cond success of the ne/he is able er result in a n and evaluati on regulation	to work indepsion of the project. The to work indepsion of the prosent of the pro	s on an ription and e oendently 7. In the ject is aken into n their
	The r using acad evalu regul Cour The s on a case relev acco	naster thesis g scientific m emic level. In lation of the lations of § 1 se content: student will s scientific pro of a project n ant, not the s unt. hing outcome emic: students gain es. As well the ription of po	aims to show that the stu ethods within a limited tim case of a documentation project are of main importa PO apply. how in the preparation of the blem in a limited time and report, the scientific conce success of the project. § 11 ess:	dent is able to we ne, and to presen of a project the a ance and not the the thesis, that sh to present his/h ption, description of the examinati	t and docume cademic cond success of the ne/he is able er result in a n and evaluati on regulation	to work indepsion of the project. The to work indepsion of the prosent of the pro	s on an ription and e oendently 7. In the ject is aken into n their
5	The r using acad evalu regul Cour The s on a case relev acco Learn Acad The s studi	naster thesis g scientific m emic level. In ation of the ations of § 1 se content: student will s scientific pro of a project ant, not the unt. ning outcome emic: students gair fes. As well the ription of po	aims to show that the stu ethods within a limited tim case of a documentation project are of main importa PO apply. how in the preparation of the blem in a limited time and report, the scientific conce success of the project. § 11 estimates and the project of the project of the project of the project of the project of the success of the project of the project of the project of the project of the project of the project of the project of the project of the project of the project of the project of t	dent is able to we ne, and to presen of a project the a ance and not the the thesis, that sh to present his/h ption, description of the examinati	t and docume cademic cond success of the ne/he is able er result in a n and evaluati on regulation	to work indepsion of the project. The to work indepsion of the prosent of the pro	s on an ription and e oendently 7. In the ject is aken into n their
5	The r using acad evalu regul Cour The s on a case relev acco Learn Acad The s studi	naster thesis g scientific m emic level. In ation of the ations of § 1 se content: student will s scientific pro of a project ant, not the unt. ning outcome emic: students gair fes. As well the ription of po	aims to show that the stu ethods within a limited tim case of a documentation project are of main importa- PO apply. how in the preparation of the blem in a limited time and report, the scientific conce- success of the project. § 11 ess: experience in scientific in ney learn to read up on scientific in ssible electives within the	dent is able to we ne, and to presen of a project the a ance and not the the thesis, that sh to present his/h ption, description of the examinati	t and docume cademic cond success of the ne/he is able er result in a n and evaluati on regulation	to work indepsion of the project. The to work indepsion of the prosent of the pro	s on an ription and e oendently 7. In the ject is aken into n their
5	The r using acad evalu regul Cour The s on a case relev acco Learn Acad The s studi	naster thesis g scientific m emic level. In ation of the ations of § 1 se content: student will s scientific pro of a project n ant, not the s unt. hing outcome emic: students gair fes. As well the ription of po	aims to show that the stu ethods within a limited tim case of a documentation project are of main importa- PO apply. how in the preparation of the blem in a limited time and report, the scientific conce- success of the project. § 11 ess: experience in scientific in ney learn to read up on scientific in ssible electives within the	dent is able to we ne, and to presen of a project the a ance and not the the thesis, that sh to present his/h ption, description of the examination of the examination nplementing of th entific literature a modules:	t and docume cademic cond success of the ne/he is able er result in a so n and evaluation on regulation econcrete kn and to draft re	to work indepsion of the project. The to work indepsion of the prosent of the pro	s on an ription and pendently 1. In the ject is aken into n their rs.
5	The r using acad evalu regul Cour: The s on a case relev acco Learn Acad The s studi Desc none	naster thesis g scientific m emic level. In ation of the ations of § 1 se content: student will s scientific pro of a project n ant, not the s unt. hing outcome emic: students gain fes. As well the ription of po	aims to show that the stu ethods within a limited tim case of a documentation project are of main importa- PO apply. how in the preparation of the blem in a limited time and report, the scientific conce success of the project. § 11 es: experience in scientific in ney learn to read up on scientific in al Module Exam	dent is able to we ne, and to presen of a project the a ance and not the the thesis, that sh to present his/h ption, description of the examination of the examination nplementing of th entific literature a modules:	t and docume cademic cond success of the ne/he is able er result in a so n and evaluation on regulation econcrete kn and to draft re	to work indepscientific way on of the prosise as to be ta	s on an ription and pendently 1. In the ject is aken into n their rs.

10	Prerequisites for Credit Points: The credit points will be granted a completed.	after all relevant	wor	k and study	work have been successfully
	CP Assignment:				
11	Presence (see part 3)	No 1			0.00 CP
	Relevant Work (see part 8)	No 1			24.00 CP
	Total				24 CP
12	Weight of the module grade for the 24/120 (20%)	he overall grade	:		
13	Module Prerequisites: The Module Project studies shoul	d be finished be	fore	e starting the	master thesis.
14	Presence: Presence is strongly recommende	ed to warrant lea	rnin	g success.	
	Mobility/Acknowledgement:				
15	Use of the module for other cou	rse programs	nor	ie	
16	Responsible Lecturer: Professor Dr. Johannes Becker			Departmen School of B	t: Susiness and Economics
17	Misc.: The master thesis is assessed an able to recommend examinants a decision of the candidate, there i	and topics for the	eir m	aster thesis	. If the examinant refuses the

Economic Policy

Мо	dule Ti	tle english:		Economic Policy					
C οι	urse Pr	ogram:		Master Economi	CS				
1	Mod MWF	ule No: VWL		State: Elective	Language of I	Language of Instruction: English			
2	Turn seme	each winter ester	r	Duration: 1 semester	Semester: 1 0 3	r 2 or	CP: 6	Workload	l (h): 180
	Mod	ule Structure	2:						
	No	Туре	Cou	rse		State	!	Workload (h)
3								Presence (h + CH)	Self- Study (h)
	1	Lecture	Ecor	nomic Policy		Comp	oulsory	45 h (3 CH)	75
	2	Exercise	Tuto	orial Economic Poli	icy	Comp	oulsory	15 h (1 CH)	45
	of ma or ev this of regain Publ Cour After topic	any other fie en corporate unit draws par rding the cor ic Economics se content: a short sect as of this unit	lds in e finan arallel ntent, i 5". ion on t, whic	Economics; for exa ce are often motiv s to other units su t complements ur econometric estir h are 1) public fina	conomic policy car ample, questions ir vated by economic p ch as "Empirical M nits such as "Public	n macro policy. 1 ethods' Econor	econon The met ' and "M nics" an us is sh	nics, labour e hod-oriented Aicroeconom nd "Internatic ifted to the m	conomics part of etrics";
4				etical models as w	mation techniques, ancing/taxation an ell as empirical pap	d 2) inte			
4	The	mes		1	ancing/taxation and	d 2) inte			
4		mes troduction/F	Founda	Le ation Wi	ancing/taxation and ell as empirical pap	d 2) inte pers are	discus	sed.	arket. In
4	1. In 2. N			ation Wi printification En reg	ancing/taxation and ell as empirical pap arning objectives hy should governma	d 2) inte pers are ents int LS, inst ity des	discus ervene trument	sed. in market ecc al variables,	arket. In momic
4	1. In 2. <i>N</i> stra	troduction/f	ic ider	ation Wi printification En reg an	ancing/taxation and ell as empirical pap arning objectives hy should governmo ocesses? npirical methods: O gression discontinu	d 2) inte pers are ents int LS, inst ity des aches	discus ervene trument ign, diff	in market ecc al variables, erence-in-diff	arket. In momic

5	Learning outcomes: Academic: Through the combination of exter theory and empirics. Further, the regarding causal relationships, an Soft skills: Besides the professional skills, so independently, scientific discours examples from published papers handling (English) literature, and papers.	students learn t nd to assess the tudents also ga se, and evaluati help the studer	in competences ng scientific arti- nts to train their	etric te given regard icles. Es compe	chniques, especially context. ing working specially the applied tences in discourse, in
6	Description of possible electives none	within the mod	ules:		
7	Examination: Final Module Exam				
	Relevant Work:		I		1
8	No Number and Type; Connect	ion to Course	Duration		Part of final mark in %
	1 Final written exam		90 min.		100 %
9	Study Work: none				
10	Prerequisites for Credit Points: The credit points will be granted a completed.	after all relevant	t work and study	v work ł	nave been successfully
	CP Assignment:				
		No 1		1.50	СР
11	Presence (see part 3)	No 2		0.50	СР
	Relevant Work (see part 8)	No 1		4.00	СР
	Total			6 CP	
12	Weight of the module grade for the 6/120 (5%)	he overall grade	2:		
13	Module Prerequisites: none				
14	Presence: Presence is strongly recommende	ed to warrant lea	arning success.		
	Mobility/Acknowledgement:				
15	Use of the module for other cour	rse programs			inistration, Master Public natics, Master Human

16	Responsible Lecturer: Professor Dr. Nadine Riedel	Department: School of Business and Economics
17	Misc.:	

Advanced Microeconomics I

	dule Ti	tle english:	Advanced Microecor	nomics I			
Cou	rse Pro	ogram:	Master Economics				
1	Modu MWP	u le No: VWL 2	State: Elective	Language of Instruc	tion: Engli	sh	
2	Turn: seme	e each winter ester	Duration: 1 semester	Semester: 1 or 2 or 3	CP: 6	Workload	(h): 180
	Modu	ule Structure:					
	No	Туре	Course		State	Workload	(h)
3						Presence (h + CH)	Self- Study (h)
	1	Lecture / Exercise	Advanced Microeco	onomics I	Elective	60 h (4 CH)	120
	The f witho Mikro unce	ocus of economics out considering und oökonomik/Advand rtainty can be syste	ertainty is genarally r ed Microeconomics 1 ematically analyzed. T	ion and decision prob not possible. The mod I' lays out the foundat This knowledge is imp	ul 'Fortges ion of thes ortant for a	chrittene e decisions a number of	under
4	The f without Mikro Unce for ey 'Deriv impo Cours Toget I" ain comp deals a pre class metri struc 'Adva	ocus of economics out considering unc ookonomik/Advand rtainty can be syste kample the more fir vative I'. Additional rtant for understan se content: ther with the course or at a comprehens barable to that of in s with the implication ference or dering un ification of risk and ics that help in class ture (Savings Choid anced Microeconom	as a science is decisi eertainty is genarally r eed Microeconomics a ematically analyzed. T hance oriented modul ly, many methods an ding 'Dynamic Macro e "Advanced Microecc sive and formal trainin ternationally renown ons and effects of und onder uncertainty are la the household's atti sifying these effects. e, Portfolio choice, Ir hics II' is helpful.	ion and decision prob not possible. The mod a' lays out the foundat This knowledge is impo- ls such as 'Advanced o d insights that are lay economics'. onomics II", the cours ng in microeconomics ed Graduate schools. certainty. To this end, aid out. Based on this itudes towards risk. St Finally, we will discus nsurance decision). Th	ul 'Fortges ion of thes ortant for a Corporate I out in this e "Advance the structu "Advance the founda we will dis udents wil s applicati e choice o	chrittene e decisions a number of Finance' or module are ed Microeco are and topi d Microecon ations in the scuss the Il learn diffe ions of the g f the Modul	under moduls onomics cs are omics I" form of rent general
4	The f without Mikro Unce for ey 'Deriv impo Cours Toge I" ain comp deals a pre class metri struc 'Adva Then Expe	ocus of economics out considering unc ookonomik/Advand rtainty can be syste kample the more fir vative I'. Additional rtant for understan se content: ther with the course oarable to that of in s with the implication ference ordering un ification of risk and ics that help in class ture (Savings Choid anced Microeconom	as a science is decisi ertainty is genarally r red Microeconomics a ematically analyzed. T hance oriented modul ly, many methods an ding 'Dynamic Macro e "Advanced Microecc sive and formal trainin ternationally renown ons and effects of unc nder uncertainty are la the household's atti sifying these effects. re, Portfolio choice, Ir nics II' is helpful. Learning objective Understand how d microeconomics	ion and decision prob not possible. The mod a' lays out the foundat This knowledge is impo- ls such as 'Advanced o d insights that are lay economics'. onomics II", the cours ng in microeconomics ed Graduate schools. certainty. To this end, aid out. Based on this itudes towards risk. St Finally, we will discus nsurance decision). Th	ul 'Fortges ion of thes ortant for a Corporate I out in this e "Advance the structu "Advance the founda we will dis cudents will s applicati e choice o	chrittene e decisions a number of Finance' or module are ed Microeccure and topi d Microecon ations in the scuss the Il learn diffe fons of the g f the Modul	under moduls onomics cs are omics I" form of rent general

		sehold behavior er uncertainty	Understand demand for i decisions and get to know under uncertainty.			
		behavior under ertainty	Understand how uncertai firms.	nty changes	profit n	naximization behavior of
	Acad	ning outcomes: emic: nodule gives insight	s into advanced methods i	n microecon	omic th	eony according to
5	intern docto such decis accou in wh the g unde litera Soft Besic key s comp	national standards. To oral thesis and is the , the module aims at sion situation change unt. This is helpful w nich this is relevant. S eneral structure. The rstanding of key mire ture. skills: des the pure econom kills which are selfst petencies. The latter	The module provides the b refore of special use for st two core compentencies. e (and how the mode struc hen it comes to understan	asis for furth udents with i For one, stud ture changes ding differen lents learn to dents in a po the ability to aims at endo o discuss and ocus of the ac	er acad nterest lent me) once i t decisi o now a sition t unders owing st d reflec compa	lemic work such as a in an academic career. As thodologically learn how uncertainty is taken into ion situations and context number of applications of to gain an integrated stand and reflect modern tudents with a number of t and problem solvin nying class in which
6	Desc none		lectives within the module	s:		
7	Exam	ination: Final Modu	le Exam			
	Relev	vant Work:				
8	No	Number and Type;	Connection to Course	Duration		Part of final mark in %
	1	Final written exam		60 min.		100 %
9	Stud	y Work: none				
10	The c	equisites for Credit P redit points will be g pleted.	oints: ranted after all relevant wo	ork and study	/ work ł	nave been successfully
	CP As	ssignment:				
11	Pres	ence (see part 3)	No 1		2.00	СР
	Rele	want Work (see part	8) No 1		4.00	СР
	Tota	ıl			6 CP	
12	-	ht of the module gra	de for the overall grade:			

13	Module Prerequisites: none		
14	Presence: Presence is strongly recommended to warrant le	arning s	uccess.
	Mobility/Acknowledgement:		
15	Use of the module for other course programs		Business Administration, Master natics, Master Human Geography
16	Responsible Lecturer: Dr. Jörg Peter Lingens		Department: School of Business and Economics
17	Misc.:		

Advanced Microeconomics II

-	dule Ti	tle english:	Advanced Microeco	nomics II				
C οι	ırse Pr	ogram:	Master Economics					
1	Mod MWF	ule No: VWL ² 3	State: Elective	Langua	age of Instruction: English			
2	Turn seme	: each summer ester	Duration: 1 semester	Semest	t er: 1 or 2 or	CP: 6	Workload (I	h): 180
	Mod	ule Structure:						
	No	Туре	Course			State	Workload	(h)
3							Presence (h + CH)	Self- Study (h)
	1	Lecture / Exercise	Games and Informat	tion		Compulsory	60 h (4 CH)	120
4	In co with	mbination with the	integration into curri lecture 'Advanced Mi ormal methods of mod	croecono				
4	In co with grad Cour	mbination with the knowledge of the fo uate schools. se content:	lecture 'Advanced Mi	croecono dern micro	oeconomic tl	neory, simila	ır to leadin <u></u> ร	
5	In co with grad Cour 'Adva infor Learn Acad This micro econ Soft	mbination with the knowledge of the fu uate schools. se content: anced Microeconor mation economics. ning outcomes: lemic: module provides knoeconomic research omics. It aims at re skills:	lecture 'Advanced Mi ormal methods of moo nics II' introduces stud	croecono dern micro dents to s ethods wl a corner s ster stude	oeconomic th static and dyn hich are state stone for stud ents and grad	neory, simila namic game e-of-the-art i dents pursui duate studer	n to leading theory and n modern ng a Ph.D. i nts.	n
	In co with grad Cour 'Adva infor Learn Acad This micro econ Soft By pu skills	mbination with the knowledge of the fu uate schools. se content: anced Microeconor mation economics. ning outcomes: lemic: module provides knoeconomic research oomics. It aims at re skills: resenting solutions s.	nowledge of formal me h. Thus, the course is a to the problem sets p	croecono dern micro dents to s ethods wl a corner s ster stude participan	oeconomic th static and dyn hich are state stone for stud ents and grad	neory, simila namic game e-of-the-art i dents pursui duate studer	n to leading theory and n modern ng a Ph.D. i nts.	n
5	In co with grad Cour 'Adva infor Learn Acad This micro econ Soft By pu skills	mbination with the knowledge of the fu uate schools. se content: anced Microeconor mation economics. ning outcomes: lemic: module provides kno oeconomic research omics. It aims at re skills: resenting solutions s.	nowledge of formal me h. Thus, the course is a	croecono dern micro dents to s ethods wl a corner s ster stude participan	oeconomic th static and dyn hich are state stone for stud ents and grad	neory, simila namic game e-of-the-art i dents pursui duate studer	n to leading theory and n modern ng a Ph.D. i nts.	n
5	In co with grad Cour 'Adva infor Learn Acad This micro econ Soft By pl skills	mbination with the knowledge of the fu uate schools. se content: anced Microeconor mation economics. ning outcomes: lemic: module provides kno oeconomic research omics. It aims at re skills: resenting solutions s.	nowledge of formal methods of moc nics II' introduces stud h. Thus, the course is a to the problem sets p electives within the n	croecono dern micro dents to s ethods wl a corner s ster stude participan	oeconomic th static and dyn hich are state stone for stud ents and grad	neory, simila namic game e-of-the-art i dents pursui duate studer	n to leading theory and n modern ng a Ph.D. i nts.	n
5 6 7	In co with grad Cour 'Adva infor Learn Acad This micro econ Soft By po skills Desc none Exan	mbination with the knowledge of the fu uate schools. se content: anced Microeconor mation economics. ning outcomes: lemic: module provides kno oeconomic research omics. It aims at re skills: resenting solutions s. cription of possible e nination: Final Moc	nowledge of formal methods of mod nowledge of formal methods nowledge of formal me h. Thus, the course is search-orientated ma to the problem sets p electives within the n	croecono dern micro dents to s ethods wi a corner s ster stude participan nodules:	oeconomic th static and dyn hich are state stone for stud ents and grad ts improve th	neory, simila namic game e-of-the-art i dents pursui duate studen neir languag	r to leading theory and n modern ng a Ph.D. i nts. e and prese	n ntation
5	In co with grad Cour 'Adva infor Learn Acad This micro econ Soft By pl skills Desc none	mbination with the knowledge of the fu uate schools. se content: anced Microeconor mation economics. ning outcomes: lemic: module provides kno oeconomic research omics. It aims at re skills: resenting solutions s. cription of possible e nination: Final Moc	ilecture 'Advanced Mi ormal methods of moo nics II' introduces stud howledge of formal me h. Thus, the course is search-orientated ma to the problem sets p electives within the n dule Exam	ethods wi a corner s ster stude oarticipan	oeconomic th static and dyn hich are state stone for stud ents and grad	neory, simila namic game e-of-the-art i dents pursui duate studen neir languag	n modern ng a Ph.D. i nts. e and prese	n ntation

10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.								
	CP Assignment:								
11	Presence (see part 3)	No 1		2.00 CP					
	Relevant Work (see part 8)	No 1		4.00 CP					
	Total			6 CP					
12	Weight of the module grade for the overall grade: 6/120 (5%)								
13	Module Prerequisites: none								
14	Presence: Presence is strongly recommende	ed to warrant le	earning su	uccess.					
	Mobility/Acknowledgement:								
15	Use of the module for other cou	rse programs	Master Business Administration, Master Mathematics, Master Human Geography						
16	Responsible Lecturer: Professor Dr. Johannes Becker			Department: School of Business and Economics					
17	Misc.:								

Public Economics

	dule Ti	itle english:		Public Economics	Public Economics								
C οι	ırse Pr	ogram:		Master Economics	aster Economics								
1	Mod MWF	ule No: VWL ⁹ 4		State: Elective	Langu	guage of Instruction: English							
2		: each summer ester		Duration: 1 semester	Semes 3	ster: 1 or 2 or	CP: 6	P: 6 Workload (h): 18					
	Mod	ule Structure:											
	No	Туре	C	Course			State	Workload	(h)				
3								Presence (h + CH)	Self- Study (h)				
	1Lecture / ExercisePublic Economics (Lecture with integrated exercise course)							re 60 h (4 CH)	120				
4		e but not all eco	non	diture side, it needs to nic areas and, specifio	o be exp cally, wł	plained why the nat defines the	e governm optimal s	ize and scop	in e of				
4	publ and optir Cour	e but not all eco ic expenditures. taxes. These ins nal choice of the se content:	non . On trur ese		o be exp cally, wh le gover y they ir be expl	blained why th nat defines the nment choose ofluence the pr lained.	e governm optimal s s between ivate agen	ent engages ize and scop fees, contrib	in e of outions				
5	publ and s optir Publ Lear Acad 1) Mo optir Soft Stud	e but not all eco ic expenditures. taxes. These ins mal choice of the se content: ic Economics: th ning outcomes: lemic: ethods: formal a mal taxation) 2) skills: lents learn to rea	non . On trur ese neoi 	nic areas and, specific the revenues side, th nents differ in the way instruments needs to	o be exp cally, wh re gover y they ir be expl eory of o s based of the eo	olained why the nat defines the ment choose ofluence the pr lained. optimal taxatio	e governm optimal s s between ivate agen n eory of pub ations of g e. They lea	ent engages ize and scop fees, contrib ts' behavior.	in e of outions The eory of ctivity				
	publ and optir Cour Publ Lear Acad 1) Mo optir Soft Stud idea	e but not all eco ic expenditures. taxes. These ins mal choice of the se content: ic Economics: th ning outcomes: lemic: ethods: formal a mal taxation) 2) skills: lents learn to rea s in formal mode	non On trur ese neon Cor ad a els a	nic areas and, specific the revenues side, th nents differ in the way instruments needs to ry of public goods, the ysis of complex issues itent: Understanding o	o be exp cally, wh re gover y they ir be expl eory of o s based of the ec mic reso y with en	olained why the nat defines the ment choose ofluence the pr lained. optimal taxatio	e governm optimal s s between ivate agen n eory of pub ations of g e. They lea	ent engages ize and scop fees, contrib ts' behavior.	in e of outions The eory of ctivity				
5	publ and optir Cour Publ Lear Acad 1) Mo optir Soft Stud idea	e but not all eco ic expenditures. taxes. These ins mal choice of the se content: ic Economics: th ning outcomes: lemic: ethods: formal a mal taxation) 2) skills: lents learn to rea s in formal mode	non On trur ese neon Cor ad a els a ble	nic areas and, specific the revenues side, th nents differ in the way instruments needs to y of public goods, the ysis of complex issue tent: Understanding of and understand econo and to combine theory electives within the n	o be exp cally, wh re gover y they ir be expl eory of o s based of the ec mic reso y with en	olained why the nat defines the ment choose ofluence the pr lained. optimal taxatio	e governm optimal s s between ivate agen n eory of pub ations of g e. They lea	ent engages ize and scop fees, contrib ts' behavior.	in e of outions The eory of ctivity				
5	publ and optir Cour Publ Lear Acad 1) Mo optir Soft Stud idea: Desc none Exan	e but not all eco ic expenditures. taxes. These ins nal choice of the rse content: ic Economics: the ning outcomes: lemic: ethods: formal a nal taxation) 2) skills: lents learn to real s in formal mode cription of possi	non On trur ese neon Cor ad a els a ble	nic areas and, specific the revenues side, th nents differ in the way instruments needs to y of public goods, the ysis of complex issue tent: Understanding of and understand econo and to combine theory electives within the n	o be exp cally, wh re gover y they ir be expl eory of o s based of the ec mic reso y with en	olained why the nat defines the ment choose ofluence the pr lained. optimal taxatio	e governm optimal s s between ivate agen n eory of pub ations of g e. They lea	ent engages ize and scop fees, contrib ts' behavior.	in e of outions The eory of ctivity				
5	publ and optir Cour Publ Lear Acad 1) Mo optir Soft Stud idea: Desc none Exan	e but not all eco ic expenditures. taxes. These ins mal choice of the se content: ic Economics: the ning outcomes: lemic: ethods: formal a mal taxation) 2) skills: lents learn to real s in formal mode cription of possilles nination: Final M vant Work: Number and Ty	non On trur ese neor nad a els a ble Mod	nic areas and, specific the revenues side, th nents differ in the way instruments needs to ry of public goods, the ysis of complex issues itent: Understanding of and understand econo and to combine theory electives within the n lule Exam	o be exp cally, wh re gover y they ir be expl eory of o s based of the ec mic rese y with er nodules	blained why the nat defines the ment choose offluence the pr lained. optimal taxatio optimal taxatio earch literature mpirical analys : Duration	e governm optimal s s between ivate agen n eory of pub ations of g e. They lea sis.	ent engages ize and scop fees, contrib ts' behavior. olic goods, th government a rn to express of final mark	in e of outions The eory of ctivity their				
5 6 7	publ and optir Publ Learn Acad 1) Mo optir Soft Stud idea: Desc none Exan	e but not all eco ic expenditures. taxes. These ins mal choice of the se content: ic Economics: the ning outcomes: lemic: ethods: formal a mal taxation) 2) skills: lents learn to real s in formal mode cription of possilles mination: Final M vant Work:	non On trur ese neor nad a els a ble Mod	nic areas and, specific the revenues side, th nents differ in the way instruments needs to ry of public goods, the ysis of complex issues itent: Understanding of and understand econo and to combine theory electives within the n lule Exam	o be exp cally, wh re gover y they ir be expl eory of o s based of the ec mic rese y with er nodules	olained why the nat defines the ment choose offluence the pr lained. optimal taxatio optimal taxatio earch literature mpirical analys	e governm e optimal s s between ivate agen n eory of pub ations of g e. They lea sis.	ent engages ize and scop fees, contrib ts' behavior. olic goods, th government a rn to express of final mark	in e of outions The eory of ctivity their				

10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.								
	CP Assignment:								
11	Presence (see part 3)	No 1		2.00 CP					
	Relevant Work (see part 8)	No 1		4.00 CP					
	Total			6 CP					
12	Weight of the module grade for the overall grade: 6/120 (5%)								
13	Module Prerequisites: none								
14	Presence: Presence is strongly recommend	led to warrant le	earning s	uccess.					
	Mobility/Acknowledgement:								
15	Use of the module for other cou	irse programs	Master Business Administration, Master Mathematics, Master Human Geography						
16	Responsible Lecturer: Professor Dr. Johannes Becker			Department: School of Business and Economics					
17	Misc.:								

Mathematical Methods

Мо	Module Title english:			Mathematical Methods							
Cou	rse Pr	ogram:		Master Economics							
L	Mod MWF	ule No: VWL 25		State: Elective	Languag	e of Instruc	tion: Ge	erman			
2	Turn: each summer semester			Duration: 1 semester	Semeste 3	r: 1 or 2 or	CP: 6	Workloa	d (h): 180		
	Mod	ule Structur	e:								
	No	Туре	Cour	se		State	9	Workload (h	ı)		
3								Presence (h + CH)	Self- Study (h)		
	1	Lecture	Math	nematical Economic Th	ieory	Com	pulsory	30 h (2 CH)	60		
	2	Exercise	Tuto	rial Mathematical Metl	hods	Com	pulsory	30 h (2 CH)	60		
ŀ	Mod	ule Profile:									
5	resea enco Soft Stud There prob	arch work in urages critio skills: ents learn h efore, they in lems. By do	this are cal thin ow to a mprove ing exe	ves. Understanding the ea. It presents the opp king. bstract practical probl their analytical capab rcises students will be ding to their individua	ortunities ems and t ilities and able to co	and limits of ofocus on their component of their component of their component of their component of the	of these the core etence	e models and e of the proble to solve econ	therefore ems. omic		
•	Desc none		ossible	electives within the m	odules:						
,	Exan	nination: Fin	nal Mod	lule Exam							
3	Relev No	vant Work: Number ar	ıd Type	; Connection to Course	e D	uration	Pa	art of final ma	ark in %		
	1	Final writte	en exarr	1	60	o min.					
)	Stud	y Work: non	ie								
lo	Study work: none Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.										

	CP Assignment:							
		No 1		1.00 CP				
11	Presence (see part 3)	No 2		1.00 CP				
	Relevant Work (see part 8)	No 1		4.00 CP				
	Total			6 CP				
12	Weight of the module grade for the overall grade: 6/120 (5%)							
13	Module Prerequisites: none							
14	Presence: Presence is strongly recommend	ed to warrant le	arning si	uccess.				
	Mobility/Acknowledgement:							
15	Use of the module for other cou	rse programs	Master Business Administration, Master Mathematics, Master Human Geography					
16	Responsible Lecturer: Dr. Eric Meyer			Department: School of Business and Economics				
17	Misc.:							

International Macroeconomics

Mod	dule Tit	tle english:		International Macroe	economics					
Cou	rse Pro	ogram:		Master Economics						
1	Modu MWP	ıle No: VWL 6		State: Elective	Language of Instruction: English					
2	Turn: seme	each winter ester		Duration: 1 semester	Semester: 3	1 Or 2 Or	CP: 6		Workload	d (h): 180
	Module Structure:							I		
	No	Туре	Cour	se		State	9	W	orkload (h)
3				Presence (h + CH) Self- Study (h)						Study
	1	Lecture	Inter	national Macroecono	mics	Com	pulsory	30	o h (2 CH)	90
	2	Exercise	Tuto	rial International Mac	roeconomics	s Com	pulsory	30	o h (2 CH)	30
4	Ther Mod marl	elling interd	nporal	encies in money, goo macroeconomics, ne		Learning Theoretic the field macroece	al and of interr	emp nati	pirical met	hods in
5	Learning outcomes: Academic: After completing the module, students have a profound knowledge of modern macroeconomics. They acquire knowledge about the specific challenges and interactions between the money, commodity and financial markets. The module deepens and broadens theoretical and quantitative methods in macroeconomics, which are relevant in many fields of Business and Economics, especially ministries, research institutes, and private enterprises. The module also prepares for an economics PhD thesis. Soft skills: After completing the module, students are familiar with topics and methods of modern macroeconomics. Students are able to analyse and discuss current questions in international economics in a profound way. Thus, students strengthen both, their individual problem-solving ability and their capability for abstract and logical reasoning. Providing solutions to economic policy problems both individually and in the classroom promotes the co-operation, as well as organizational and communication skills.									

6	Desc none	ription of possible electives	within the mo	lules:						
7	Exan	nination: Examinations for e	very part of the	module						
	Relev No	vant Work: Number and Type; Connect	ion to Course	Du	ration	Part of final mark in %				
8	1	Final written exam			min.	70 %				
	2	Problem sets		3 X	6 - 10 pages	30 %				
9	Stud	y Work: none								
10	The o	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.								
	CP A	ssignment:								
	Drog	sence (see part 3)	No 1		1.00	СР				
11	Fles	sence (see part 3)	No 2		1.00	СР				
	Rele	evant Work (see part 8)	No 1		3.00	СР				
			No 2	No 2		СР				
	Tota	al								
12		sht of the module grade for t l o (5%)	he overall grad	e:						
13	Mod none	ule Prerequisites:								
14		ence: ence is strongly recommende	ed to warrant le	arning sı	uccess.					
	Mob	Mobility/Acknowledgement:								
15	Use	of the module for other cour			nistration, Master Iuman Geography					
16		oonsible Lecturer: essor Dr. Bernd Kempa			Department: School of Business and Economics					
17	Misc	.:								

Applied Energy Economics

	Module Title english:			Applied En	ergy Econ	omics				
Cou	rse Pro	ogram:		Master Eco	nomics					
1	Modu MWP	u le No: VWL 7		State: Elect	tive	Language of In	Instruction: German			
2				Duration: 1 semester		Semester: 1 or 3	2 Or	CP: 6	Workload	d (h): 180
	Modu	ule Structure	: :							
	No	Туре	Cou	rse			State	9	Workload (h	1)
3									Presence (h + CH)	Self- Study (h)
	1	Lecture	Арр	lied Energy E	conomics	5	Com	oulsory	30 h (2 CH)	90
	2	Exercise	Exei	cise in conju	nction wi	th an excursion	th an excursion Compulsory			45
	successfully any basic course in Energy and Resource Economics are advised to complete the elective modules "Resource Economics", "Energy Economics" and "Environmental and Climate Change Economics" first. However, modules do not build on each other but focus on different aspects of the overall subject. Course content: The module "Applied Energy Economics" will look at practical issues of the energy sector. The								ule compleme nomics" and ot yet comple ed to comple	eted te the
4	succe elect Chan aspe Cours The n lectu and b exerce	essfully any ive modules ge Economic cts of the ov se content: nodule "App re discusses ousiness-ma cise will be in	y and basic "Resc cs" firs erall s olied E curre nagen	Resource Eco course in Ene ource Econon st. However, ubject. nergy Econor nt problems nent aspects	ntal Econ pnomics" ergy and F nics", "En modules nics" will in energy of the en	ergy Economics do not build on o look at practica and environmer ergy system in G	e Char ts who nics an " and " each o l issue ntal pc Germar	nge Econ have no re advis "Enviror ther bu ther bu es of the olicy and E	ule compleme nomics" and ot yet comple ed to comple nmental and t focus on dif e energy secto d emphasizes Europe. If pos	ents the eted te the Climate ferent or. The s technica sible, the
4	succe elect Chan aspe Cours The n lectu and b exerce	essfully any ive modules ge Economic cts of the ov se content: nodule "App re discusses ousiness-ma cise will be in ock courses.	y and basic "Resc cs" firs erall s olied E curre nagen	Resource Eco course in Ene ource Econon st. However, ubject. nergy Econor nt problems nent aspects	ntal Econ phomics" ergy and F nics", "En modules nics" will in energy of the en a subject	omics", "Climat Master student Resource Econor ergy Economics do not build on look at practica and environmer ergy system in G	e Char ts who nics an " and " each o l issue ntal pc Germar	nge Econ have no re advis "Enviror ther bu ther bu es of the olicy and E	ule compleme nomics" and ot yet comple ed to comple nmental and t focus on dif e energy secto d emphasizes Europe. If pos	ents the eted te the Climate ferent or. The s technica sible, the
4	succe elect Chan aspe Cours The r lectu and b exerce in blo Then E.g. renee stora	essfully any ive modules ge Economic cts of the ov se content: nodule "App re discusses ousiness-ma cise will be in ock courses. mes conventiona ewable energing age technolo rt meter, sm	y and basic "Resc cs" firs erall s elied E curre nagen n conju al powe gies, giogies,	Resource Eco course in Ene ource Econon st. However, ubject. nergy Econor nt problems nent aspects unction with er plants, rid and sales,	ntal Econ promics" ergy and F nics", "En modules nics" will in energy of the en a subject Learning Being at environr to weigh environr	omics", "Climat Master student Resource Econor ergy Economics do not build on look at practica and environmer ergy system in G specific excursi	e Char ts who nics an " and " each o l issue ntal pc bermar on. Le d and oblems sitions estion	nge Econ have no re advis "Enviror other bu es of the olicy and by and E cture ar evaluate s. Being with re s. Gaini	ule complement nomics" and ot yet comple- ed to comple- nmental and t focus on dif e energy sector d emphasizes turope. If pos ad exercise and e energy and able to recog- gard to energy ng basic	ents the eted te the Climate ferent or. The stechnica sible, the re offered gnize and gnize and

	Soft skills: By discussing different positions and point of views arguments will be challenged. Preconceived assumptions are analyzed and discussed in the context of energy and environmental policy. Political strands will be analyzed and assessed in a differentiated manner.									
6	Description of possible electives none	s within the moo	lules:							
7	Examination: Final Module Exam	1								
	Relevant Work:		1							
8	No Number and Type; Connect	tion to Course	Du	uration	Part of final mark in %					
	1 Final written exam		60	o min.	100 %					
9	Study Work: none									
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.									
	CP Assignment:									
	Presence (see part 3)	No 1	No 1		СР					
11		No 2		0.50	СР					
	Relevant Work (see part 8)	No 1		4.50	СР					
	Total	6		6 CP						
12	Weight of the module grade for t 6/120 (5%)	he overall grad	e:							
13	Module Prerequisites: none									
14	Presence: Presence is strongly recommend	ed to warrant le	arning s	uccess.						
	Mobility/Acknowledgement:									
15	Use of the module for other cou	rse programs			nistration, Master Human Geography					
16	Responsible Lecturer: Professor Dr. Andreas Löschel			Department: University of Münster, School of Business and Economics						
17	Misc.:									

Environmental Economics

	dule Ti	tle english:		Environmen	tal Econ	omics				
C οι	ırse Pr	ogram:		Master Econ	iomics					
1	Mod MWF	ule No: VWL 28		State: Electi	ve	Language of	guage of Instruction: English			
2	Turn seme	: each winte ester	Duration: 1 semester		Semester: 1 of 3	Semester: 1 or 2 or 3 CP: 6			d (h): 180	
	Mod	ule Structure	e:							
	No	Туре	Cou	rse			State	!	Workload (ł	1)
3									Presence (h + CH)	Self- Study (h)
	1	Lecture	Envi	ronmental Eco	onomics		Comp	oulsory	30 h (2 CH)	90
	2	Exercise	Tuto	rial on Enviro	nmental	Economics	Comp	oulsory	15 h (1 CH)	45
	 Environmental Economics are advised to complete the elective modules "Resource Economics", "Energy Economics" and "Environmental and Climate Change Economics" first. However, modules do not build on each other but focus on different aspects of the overall subject. Course content: The module "Environmental Economics" will look at the impacts of human economic activities of the environment. The course emphasizes the impact of the energy system on the environment, e.g. in terms of air pollution and greenhouse gas emissions. Welfare-economic basics of environmental economics, environmental-economic target setting and their implementation by means of eco-political instruments with regards to local and global pollutants will be discussed. Also, determination of costs and benefits of environmental-economic regulation will be analyzed 									e in
4	"Ene mod Cour The r the e e.g. i envir mear	rgy Economi ules do not l se content: nodule "Env nvironment. n terms of a ronmental ec ns of eco-po	cs" an ouild o ironme The co ir pollu conom litical i	ics are advise d "Environme n each other l ental Economi ourse emphas ition and gree ics, environme nstruments w	ave not y d to com ntal and but focus ics" will sizes the nhouse ental-eco ith regar	Climate Chang s on different a look at the imp impact of the e gas emissions. onomic target s rds to local and	uccessf ive moo ge Econo spects of acts of energy s Welfar setting a global	ully any lules "R omics" of the o human system o e-econc and thei polluta	gy and Resou y basic cours esource Ecor first. Howeve verall subject economic ac on the enviro omic basics o r implementa nts will be di	rrce e in nomics", r, t. tivities on nment, f ation by scussed.
4	"Ene mod Cour The r the e e.g. i envir mear Also,	rgy Economi ules do not l se content: nodule "Env nvironment. n terms of a ronmental ec ns of eco-po	cs" an ouild o ironme The co ir pollu conom litical i	ics are advise d "Environme n each other l ental Economi ourse emphas ition and gree ics, environme nstruments w	ave not y d to com ntal and but focus ics" will sizes the nhouse ental-ecc ith regan efits of e	et completed s plete the elect Climate Chang s on different a look at the imp impact of the o gas emissions. onomic target s ds to local and	uccessf ive moo ge Econo spects of acts of energy s Welfar setting a global	ully any lules "R omics" of the o human system o e-econc and thei polluta	gy and Resou y basic cours esource Ecor first. Howeve verall subject economic ac on the enviro omic basics o r implementa nts will be di	rrce e in nomics", r, t. tivities on nment, f ation by scussed.
4	"Ene mod Cour The r the e e.g. i envin mean Also, The Fund	rgy Economi ules do not b se content: nodule "Env environment, n terms of a ronmental econs of eco-po determinati	cs" an puild o The co ir pollu conom litical i ion of o	ics are advise d "Environme n each other l ental Economi ourse emphas ition and gree ics, environme nstruments w costs and ben	ave not y d to com ntal and but focus ics" will sizes the ental-eco ith regar efits of e Learnin Underst	et completed s iplete the elect Climate Chang s on different a look at the imp impact of the o gas emissions. onomic target s ds to local and environmental- g objectives canding the imp y and the nece	uccessf ive mod ge Econo spects of energy s Welfard setting a global econom	ully any lules "R omics" of the or human system of e-econco and thei polluta ic regul	gy and Resou y basic cours esource Ecor first. Howeve verall subject economic ac om the enviro omic basics o r implementa nts will be di lation will be	rce e in nomics", r, t. tivities on nment, f ation by scussed. analyzed.
4	"Ene mod Cour The r the e e.g. i envir mear Also, The Fund Ecor	rgy Economi ules do not b se content: module "Env environment, n terms of a conmental econs of eco-po determination mes damentals o	cs" an puild o ironme . The co ir pollu conom litical i ion of o f Envire rumen	ics are advise d "Environme n each other l ental Economi ourse emphas ition and gree ics, environme nstruments w costs and ben	ave not y d to com ntal and but focus ics" will sizes the nhouse ental-ecc ith regar efits of e Learnin Underst econom regulati	et completed s iplete the elect Climate Chang s on different a look at the imp impact of the e gas emissions. onomic target s onomic target s ads to local and environmental- g objectives anding the imp y and the nece on	uccessf ive mod ge Econo spects of energy s Welfard setting a global econom	ully any lules "R omics" of the or human cystem of e-econco and thei polluta ic regul	gy and Resou y basic cours esource Ecor first. Howeve verall subject economic ac on the enviro omic basics o r implementa nts will be di lation will be environment nmental-ecor	rce e in nomics", r, t. tivities on nment, f ation by scussed. analyzed.

5	Learning outcomes: Academic: Students will learn to understand economic solution strategies for energy-related environmental problems. Learners will get an overview on environmental-economic concepts and be enabled to apply them into practice. Soft skills: Analytical skills								
6	Description of possible electives within the modules: none								
7	Examination: Final Module Exam								
8	Relevant Work: No Number and Type; Connection	ion to Course		uration	Part of final mark in %				
	1 Final written exam		60	o min.	100 %				
9	Study Work: none								
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.								
	CP Assignment:								
	Presence (see part 3)	No 1		1.00	СР				
11		No 2		0.50					
	Relevant Work (see part 8)	No 1		4.50	СР				
	Total			6 CP					
12	Weight of the module grade for the 6/120 (5%)	ne overall grade	2:						
13	Module Prerequisites: Basic knowledge of Ressource-, E	nergy-, and Env	ironme	ntal Economics.					
14	Presence: Presence is strongly recommende	ed to warrant lea	arning s	uccess.					
	Mobility/Acknowledgement:								
15	Use of the module for other cour	se programs			nistration, Master Human Geography				
16	Responsible Lecturer: Professor Dr. Andreas Löschel			Department: School of Bus	iness and Economics				
17	Misc.:								
Climate Change Economics

	dule Ti	tle english:		Climate Change	Economics					
Coι	Course Program:			Master Economic	CS					
1	Mod u MWP	ule No: VWL 9		State: Elective	Language of I	nstruct	ion: En	glish		
2	Turn : seme	each summ ester	er	Duration: 1 semesterSemester: 1 or 2 or 3CP: 6Workl				Workload	ad (h): 180	
	Mod	ule Structure	2:							
	No	Туре	Cour	se		State		Workload (h	ı)	
3								Presence (h + CH)	Self- Study (h)	
	1	Lecture	Clim	ate Change Econoi	nics	Comp	ulsory	30 h (2 CH)	90	
	2	Exercise	Tuto	rial on Climate Cha	inge Economics	Comp	ulsory	15 h (1 CH)	45	
	Economics". Master students who have not yet completed successfully any basic course in Climate Change Economics are advised to complete the elective modules "Resource Economics", "Energy Economics" and "Environmental and Climate Change Economics" first. However, modules do not build on each other but focus on different aspects of the overall subject. Course content: The module "Climate Change Economics" emphasizes the development of greenhouse gas emissions and respective regulatory policies. It will discuss problems of international climate politics as well as national and international attempts to mitigate climate change, such as the European Emissions Trading System. Focus is placed on economic consequences of different emission reduction policies. Students will gain insight into economic forecasting models used for impact assessment. The course gives an introduction into climate modelling, covering simple partial models, Input-Output models as well as Computable General Equilibrium (CGE) Models.									
4	"Ene modu Cour The r emis politi Euroj emis impa	rgy Economi ules do not b se content: nodule "Clim sions and re ics as well as pean Emissio sion reductio ct assessme	cs" and ouild or nate Ch spectives nations ons Tra on poli ent. The	nics are advised to d "Environmental a n each other but fo nange Economics" ve regulatory polici nal and internatior ding System. Focu cies. Students will e course gives an in	ot yet completed su complete the elect and Climate Change cus on different as emphasizes the de es. It will discuss p nal attempts to miti s is placed on ecor gain insight into en troduction into cli	accessfu tive mode e Econo pects o evelopm problem igate cli nomic c conomi mate m	ully any dules " mics" f the or nent of s of inf mate c onsequ c forec odellin	Resource Ecc first. Howeve verall subject greenhouse g ternational cl hange, such uences of diff asting model g, covering s	e in onomics", r, gas imate as the Ferent s used for imple	
4	"Ene modu Cours The r emis politi Europ emis impa partis Ther Inte	rgy Economi ules do not b se content: nodule "Clim sions and re ics as well as pean Emissic sion reductio ct assessme al models, In mes	cs" and puild on nate Ch spective s nation ons Tra on poli ent. The put-Ou mate P	nics are advised to d "Environmental and n each other but for ve regulatory policional and internation ding System. Focu- cies. Students will e course gives an in utput models as work olitics U ga	ot yet completed su complete the elect and Climate Change cus on different as emphasizes the de es. It will discuss p hal attempts to miti s is placed on ecor gain insight into en troduction into cli ell as Computable of earning objectives nderstanding strate as emissions.	iccessfu tive mode e Econo pects o evelopm oroblem igate cli nomic c conomi mate m General	ully any dules " mics" f f the or nent of s of int mate c onsequ c forec odellin Equilil ming to	v basic course Resource Ecc first. Howeve verall subject greenhouse g ternational cl hange, such uences of diff asting model g, covering s prium (CGE) M	ce e in onomics", r, c. gas imate as the Terent s used for imple Models. eenhouse	
4	"Ene modu Cours The r emis politi Euroj emis impa partis Inter Regu	rgy Economi ules do not b se content: nodule "Clim sions and re ics as well as pean Emissio sion reductio ct assessme al models, In mes	cs" and puild on nate Ch spective s nation ons Tra on poli ent. The put-Ou mate P	nics are advised to d "Environmental a n each other but for nange Economics" ve regulatory polici nal and internation ding System. Focu cies. Students will e course gives an in utput models as we litput models as we colitics U ga Climate Ki	ot yet completed su complete the elect and Climate Change cus on different as emphasizes the de es. It will discuss p hal attempts to miti s is placed on ecor gain insight into en troduction into cli ell as Computable of earning objectives nderstanding strate	aches to	ully any dules " mics" f f the or nent of is of inf mate c onsequ c forec odellin Equilil ming to	v basic course Resource Ecc first. Howeve verall subject greenhouse g ternational cl hange, such uences of diff asting model g, covering s prium (CGE) M o mitigate greenhou	ce e in onomics", r, c. gas imate as the Terent s used for imple Models. eenhouse	

5	Acade The s envire mode disad Soft s	Learning outcomes: Academic: The students acquire skills to understand different economic approaches to solve energy-related environmental problems and to analyze actual climate policies. Students gain an overview of modelling methods used for impact assessment and their respective advantages and disadvantages. Soft skills: Analytical skills						
6	Desci none	Description of possible electives within the modules: none						
7	Exam	ination: Final Module Exam						
	Relevant Work:							
8	No	Number and Type; Connecti	on to Course	Du	iration	Part of final mark in %		
	1	Final written exam		60	min.	100 %		
9	Study	y Work: none						
10	The c	equisites for Credit Points: redit points will be granted a pleted.	ifter all relevant	work a	nd study wor	k have been successfully		
	CP As	ssignment:						
			No 1		1.0	DO CP		
11	Pres	ence (see part 3)	No 2		0.	50 CP		
	Rele	vant Work (see part 8)	No 1		4.	4.50 CP		
	Tota	l	6 CP			CP		
12	•	ht of the module grade for th o (5%)	ne overall grade	:				
13		Ile Prerequisites: knowledge of Ressource-, E	nergy-, and Env	ironmeı	ntal Economi	cs.		
14	Prese Prese	e nce: ence is strongly recommende	d to warrant lea	arning s	uccess.			
	Mobi	lity/Acknowledgement:						
15	Use	of the module for other cours	se programs		r Business Administration, Master matics, Master Human Geography			
16		onsible Lecturer: ssor Dr. Andreas Löschel			Departmen School of E	n t: Business and Economics		

17	Misc.:	

Advanced Transport Economics

Mo	dule Ti	tle english	:	Advanced Transport	Economics						
Cou	irse Pr	ogram:		Master Economics							
1	Mod MWF	ule No: VW 910	L	State: Elective	Language of Instruction: German						
2	Turn seme	: each sum ester	mer	Duration: 1 semester	Semester: 1 0	r 2 or	CP: 6	Workload (h): 180			
	Mod	ule Structu	re:								
	No	Туре	Cour	se		State	2	Workload (h	ı)		
3								Presence (h + CH)	Self- Study (h)		
	1	Lecture	Adva	nced Transport Econo	omics	Com	oulsory	45 h (3 CH)	75		
	2	Exercise	Tuto	rial Advanced Transpo	ort Economics	Comp	oulsory	15 h (1 CH)	45		
4	The a resea resul iden	analysis thi arch papers Its of indivi tify econon opriate pol	rough the s whose dual pap nic probl icy meas	in-depth analysis of i eoretical models is the methods and results pers are calculated exe ems in the transport s sures.	e main focus. Th are discussed ir emplarily. The a	ne basi n the le im is tl	s is for ctures. hat the	med by curren In the tutoria students kno	nt Is, the w and can		
		enefit-		s are familiar with the	procedure for o	conduc	ting be	nefit-cost ana	alvses.		
		analysis	They kn	ow the approaches fo a suitable discount ra	r the determina	tion of	discou	nt rates and o			
	2. R tran	oad sport	traffic. T manage can ass infrastru	s can distinguish betw hey know static and c ment. They are familia ess their efficiency. In acture capacity depen nfrastructure financin	dynamic toll sys ar with the oper addition, they l ds on the toll sy	tems a ation c know h /stem ເ	s mean of different now the used an	s of efficient ent toll syster optimal road	traffic ns and		
	3. A	irports	structur	s know how congestic e of airlines. Dependi nd quantity-based me	ng on the marke	et struc	ture, th	ey can name	suitable		

	economic pro students hav Cartel Office	blems of the trar te the abilities that and Federal Netw	nsport sector and de at are of particular in york Agency), ministr	riving appropri terest to compo ies of transport	ate poli etition a t, resea		
5	economics. Soft skills: The systemat students. The organization	tic analysis using e preparation of e	xercises and the dis ion skills. In addition	models improv	ves the tutorial	problem solving ability of s promote coordination, course in the lectures and	
6	Description of none	of possible electiv	ves within the modu	les:			
7	Examination	: Final Module Ex	am				
_			am				
_	Relevant Wo			Duration		Part of final mark in %	
7	Relevant Wo	rk:		Duration 90 min.		Part of final mark in %	
7	Relevant Wo	rk: r and Type; Conn ritten exam					
8	Relevant WorNoNumber1Final wStudy Work:Prerequisites	rk: r and Type; Conn ritten exam none s for Credit Points	ection to Course	90 min.	work h		
7 8 9	Relevant WorNoNumber1Final w1Final wStudy Work:PrerequisitesThe credit po	rk: er and Type; Conn ritten exam none s for Credit Points ints will be grante	ection to Course	90 min.	work h	100 %	
7 8 9	Relevant Work No Number 1 Final w Study Work: Prerequisites The credit por completed. CP Assignment	rk: r and Type; Conn ritten exam none s for Credit Points ints will be grante ent:	ection to Course	90 min.	work h	100 % ave been successfully	
7 8 9	Relevant WorkNoNumber1Final wStudy Work:PrerequisitesThe credit porcompleted.	rk: r and Type; Conn ritten exam none s for Credit Points ints will be grante ent:	ection to Course	90 min.		100 % ave been successfully	
7 8 9 10	Relevant Work No Number 1 Final w Study Work: Prerequisites The credit por completed. CP Assignment Presence (set Presence (set)	rk: r and Type; Conn ritten exam none s for Credit Points ints will be grante ent:	ection to Course	90 min.	1.50 (100 % ave been successfully CP CP	

13	Module Prerequisites: Basic knowledge of transport economics. The prerequisites for the module are defined in § 7 par. 3 letter b of the examination regulation.					
14	Presence: Presence is strongly recommended to warrant le	arning si	uccess.			
	Mobility/Acknowledgement:					
15	Use of the module for other course programs		Business Administration, Master natics, Master Human Geography			
16	Responsible Lecturer: Professor Dr. Gernot Sieg		Department: School of Business and Economics			
17	Misc.:					

Industrial Organization

Λο	dule Ti	tle english:		Industrial Organizat	ion					
Course Program:				Master Economics						
	Mod MWF	ule No: VWL P11		State: Elective	Language of I	nstruct	i on: Ge	rman		
	Turn: each winter semester			Duration: 1 semester	Semester: 1 01 3	r 2 or	CP: 6	Workload	d (h): 180	
	Mod	ule Structure	:							
	No	Туре	Cou	rse		State	9	Workload (h	ı)	
								Presence (h + CH)	Self- Study (h)	
	1	Lecture	Indu	strial Organization		Com	pulsory	45 h (3 CH)	105	
	2	Exercise	Tuto	orial Industrial Organiz	zation	Com	oulsory	15 h (1 CH)	15	
	Purp The r of ec mod micro the n analy	nodule "Indu onomic activ ules. On the peconomics, naster's mod ysis of specia	istrial ity by one ha in par ule "R al mar	/integration into curri Economics" discusse companies in imperfe and, it expands and d ticular of the course " tegulatory Economics" kets such as energy ec	s various econo ect markets. The eepens the cont Industrial Econo ' and compleme conomics, traffio	modu ents o omics" nts the c econe	le provi f the ba . On the e modul omics o	des links to d chelor's mod other hand, es of the in-d r sports econ	lifferent ules of it links to epth omics.	
	Purp The r of ec mod micro the n analy The c "Proj Cour The r well	ose of the me module "Indu onomic activ ules. On the peconomics, naster's mod ysis of specia contents can ect Study" ar se content: nodule "Indu	istrial ity by one ha in par ule "R al mar be de nd in t istrial on pol	Economics" discusse companies in imperfe and, it expands and d ticular of the course " egulatory Economics"	s various econo ect markets. The eepens the cont Industrial Econo ' and compleme conomics, traffic "Seminar on Inc different interac	modu ents o omics" nts the c econo lustria	le provid f the ba . On the e modul omics o l Econor	des links to d chelor's mod other hand, es of the in-d r sports econ nics", in the anies and ma	lifferent ules of it links to epth omics. module	
	Purp The r of ec mod micro the n analy The c "Proj Cour The r well	ose of the me nodule "Indu onomic activ ules. On the peconomics, naster's mod ysis of specia contents can ect Study" ar se content: nodule "Indu as competitio retical model	istrial ity by one ha in par ule "R al mar be de nd in t istrial on pol	Economics" discusses companies in imperfe and, it expands and de ticular of the course " egulatory Economics" kets such as energy eff epened in the course he Master Thesis. Economics" analyzes	s various econo ect markets. The eepens the cont Industrial Econo ' and compleme conomics, traffic "Seminar on Inc different interac in monopoly an	modu ents o omics" nts the c econo lustria	le provid f the ba . On the e modul omics o l Econor	des links to d chelor's mod other hand, es of the in-d r sports econ nics", in the anies and ma	lifferent ules of it links to epth omics. module	
	Purp The r of ec mod micro the r analy The c "Proj Cour The r well theo The	ose of the me nodule "Indu onomic activ ules. On the peconomics, naster's mod ysis of specia contents can ect Study" ar se content: nodule "Indu as competitio retical model	istrial ity by one ha in par ule "R al mar be de nd in t istrial on pol	Economics" discusses companies in imperfe and, it expands and d ticular of the course " egulatory Economics" kets such as energy ec epened in the course he Master Thesis. Economics" analyzes icy issues, especially	s various econo ect markets. The eepens the cont Industrial Econo ' and compleme conomics, traffic "Seminar on Inc different interac in monopoly an s characteristics o	modu eents o omics". nts the c econo lustria ctions o d oligo	le provid f the ba . On the e modul omics o l Econor of comp poly ma	des links to d chelor's mod other hand, es of the in-d r sports econ nics", in the anies and ma arkets, using	lifferent ules of it links to epth omics. module arkets as well as	
	Purp The r of ec mod micro the r analy The c "Proj Cour The r well theo The	ose of the me nodule "Indu onomic activ ules. On the peconomics, naster's mod ysis of specia contents can ect Study" ar se content: nodule "Indu as competitio retical model mes	istrial ity by one ha in par ule "R al mar be de nd in t istrial on pol s. ers	Economics" discusses companies in imperfe and, it expands and di- ticular of the course " legulatory Economics" kets such as energy en- epened in the course he Master Thesis. Economics" analyzes icy issues, especially Learning objectives Students learn the indicators of marke	s various econo ect markets. The eepens the cont Industrial Econo ' and compleme conomics, traffic "Seminar on Inc different interac in monopoly an s characteristics o et power measur o analyze and co	modu eents o omics", nts the c econo lustria ctions o d oligo of diffe ement	le provie f the ba . On the e modul omics o l Econor of comp poly ma rent ma and car e model	des links to d chelor's mod other hand, es of the in-d r sports econ mics", in the anies and ma arkets, using rket types as n derive a line s of price cor	lifferent ules of it links to epth omics. module arkets as arkets as	
	Purp The r of ec mod the n analy The c "Proj Cour The r well theo The 1. Fi and 2. O	ose of the me module "Indu onomic activ ules. On the beconomics, naster's mod ysis of specia contents can ect Study" an se content: module "Indu as competitio retical model mes rms, consum the market	istrial ity by one ha in par ule "R al mar be de nd in t istrial on pol s. ers c)	Economics" discusses companies in imperfe and, it expands and di- ticular of the course " egulatory Economics" kets such as energy ed epened in the course he Master Thesis. Economics" analyzes icy issues, especially Learning objectives Students learn the indicators of marked demand function.	s various econo ect markets. The eepens the cont Industrial Econo ' and compleme conomics, traffic "Seminar on Inc different interac in monopoly an s characteristics o et power measur o analyze and co ind quantity com	modu eents o omics" nts the c econo lustria ctions o d oligo of diffe ement ompare npetitio al oligo	le provid f the ba . On the e modul omics o l Econor of comp poly ma rent ma and car e model on (Cour	des links to d chelor's mod other hand, es of the in-d r sports econ nics", in the anies and ma arkets, using rket types as n derive a line s of price cor rnot). dels and des	lifferent ules of it links to epth omics. module arkets as arkets as well as ear	

5. Advertising						
6. Vertically related Students learn a model with resale-price maintenance of manufacturers. They also understand the context in which exclusive territories are set up.						
7. Network goods						
8. Intermediaries						
9. Strategic behavio						
Academic: Upon completion of t advanced theoretical competition policy is numerous economic cartel office and the l institutes and associ theoretical models in current issues in the Soft skills: Upon completition of analyzing complex m thinking. The exercis industrial economics	and quantitative methods o sues and markets with marke and business working fields, ederal Network Agency, ecol ations. In addition, students terms of their applicability t appropriate context and to a this course, students have to odel structures and are chark es promote the independent combine economics and bus	f industrial econor et power. This is o especially compe- nomic department have developed the o concrete politica nalyze them in a s proadened their pr acterized by their development of s	mics. They can analyze f particular interest for etition authorities such as ts of ministries, research he capability to judge al problems and to classify structured manner. roblem-solving skills by abstruse and networked olutions. The topics of			
Description of possil	le electives within the modu	lles:				
Examination: Final M	lodule Exam					
Relevant Work:						
No Number and Ty	pe; Connection to Course	Duration	Part of final mark in %			
1 Final written ex	am	90 min.	100 %			
Study Work: none						
		work and study w	ork have been successfully			
CP Assignment:						
	6. Vertically related markets 7. Network goods 8. Intermediaries 9. Strategic behavio Learning outcomes: Academic: Upon completion of t advanced theoretical competition policy is numerous economic cartel office and the F institutes and associa theoretical models in current issues in the Soft skills: Upon completition of analyzing complex m thinking. The exercise industrial economics interdisciplinary appu Description of possib none Examination: Final <i>N</i> Relevant Work: No Number and Ty 1 Final written exer Study Work: none	are able to apply their kind advertising. 6. Vertically related markets Students learn a model manufacturers. They als territories are set up. 7. Network goods Students understand th the results of theoretica effects. 8. Intermediaries Students learn theoretic interpret the price-settir 9. Strategic behaviour Students can understan of production volumes a behavior. Learning outcomes: Academic: Upon completion of the course, students are able advanced theoretical and quantitative methods o competition policy issues and markets with marke numerous economic and business working fields, cartel office and the Federal Network Agency, econistitutes and associations. In addition, students theoretical models in terms of their applicability t current issues in the appropriate context and to a Soft skills: Upon completition of this course, students have be analyzing complex model structures and are chara thinking. The exercises promote the independent industrial economics combine economics and businterdisciplinary approach is demonstrated. Description of possible electives within the modu none Examination: Final Module Exam Relevant Work: No Number and Type; Connection to Course 1 1 Final written exam Study Work: none Prerequisites for Credit Points: The credit points will be granted after all relevant completed.	are able to apply their knowledge of Hotel advertising. 6. Vertically related markets Students learn a model with resale-price of manufacturers. They also understand the territories are set up. 7. Network goods Students understand the characteristics of the results of theoretical models to evaluate effects. 8. Intermediaries Students learn theoretical models on platinterpret the price-setting behaviour of (two of production volumes and are able to anabehavior. Learning outcomes: Academic: Upon completion of the course, students are able to comprehend a advanced theoretical and quantitative methods of industrial econo competition policy issues and markets with market power. This is on umerous economic and business working fields, especially compecartel office and the Federal Network Agency, economic department institutes and associations. In addition, students have developed t theoretical models in terms of their applicability to concrete politica current issues in the appropriate context and to analyze them in a soft skills: Upon completion of this course, students have broadened their pr analyzing complex model structures and are characterized by their thinking. The exercises promote the independent development of s industrial economics combine economics and business administra interdisciplinary approach is demonstrated. Description of possible electives within the modules: none Examination: Final Module Exam Relevant Work: No No Number and Type; Connection to Course Duration 1 Final written exam <t< th=""></t<>			

	Presence (see part 3)	No 1		1.50 CP		
	Presence (see part 3)	No 2		0.50 CP		
	Relevant Work (see part 8)	No 1		4.00 CP		
	Total			6 CP		
12	Weight of the module grade for th 6/120 (5%)	e overall grad	e:			
13	Module Prerequisites: none					
14	Presence: Presence is strongly recommended	d to warrant le	arning s	uccess.		
	Mobility/Acknowledgement:					
15	Use of the module for other cours		er Business Administration, Master ematics, Master Human Geography			
16	Responsible Lecturer: Professor Dr. Gernot Sieg			Department: School of Business and Economics		
17	Misc.:					

Business Cooperation: Mergers and Acquisitions

Мос	dule Ti	tle english:		Business	Cooperati	ion: Mergers and Acc	quisitio	ns										
Course Program: Master Economics																		
1	1 Module No: VWL MWP12 State				ective	Language of Instru	ction: (Germa	erman or English									
2	Turn seme	: each winte ester	r	Duration semester		Semester: 1 or 2 or 3	СР: 6	6 Workload (h): 180										
	Mod	ule Structur	e:															
	No	Туре	Cou	rse				State	9	Workload	(h)							
										Presence (h + CH)	Self- Study (h)							
3	1	Lecture	Busi	iness Coop	eration: N	lergers and Acquisiti	ons	Elect	ive	45 h (3 CH)	75							
	2	Exercise		rial: Busin uisitions	ess Coope	eration: Mergers and		Elect	ive	15 h (1 CH)	45							
	3	Lecture		iness Coop (lish)	eration: N	lergers and Acquisiti	ons	Elect	tive 45 h (3 CH)		75							
	4	Exercise		rial: Busin uisitions (e	•	eration: Mergers and		Elect	ive	15 h (1 CH)	45							
4	Purp Merg Merg entri and t strat adm polic mana Cour Lectu it sta Furth will p those	ing and/or a es and help the subseque egic manage inistration. I by as well as agement. Th se content: ure and exer arts with an o but forward to e are covere	sition acquin to gai ent perent t draw cours e cou cises overvi tives f the ec d by E	s are a wid ring firms a in knowled ost merger . The mod vs on cours ses on busi rse knowled aim to intr ew of the h for M&A ar onomic an European a	lespread p inccelerate ge and ne integratio ule is linke ses on inst ness coop edge can b oduce stur istoric and alysis of c nd nation	rriculum: whenomenon in the we external corporate gr w technologies. Thus on has become an im ed to other fields of e itutional economics, berations, organization e applied in a semin dents to the world of d actual development l influences on the mo ompetitive impacts of al law. Moreover, the l as sucess and failu	rowth, f s, mana portant conom theory on theo ar on cu mergen ts in th parket a of acqui challe	acilita aging l task ics an of the ry and urrent rs & a re m& re pre isition nges o	ate f both d bu e fin l str M& cqui A ma esen a act	oreign mar n the M&A p ne field of usiness n and com ategic A transacti isitions. Th arket. ted. The co ivities and &A manago	ket process petition ons. erefore how							
	The	mes			Learning o	bjectives					Learning objectives							
		ecent M&A t		-														

		0.4.1.1.1	T // / MOA!		
	2. M	&A history	To learn that M&A is a cy the main economic drive	-	
	3. Tł M&A	ne economic impact of A	To understand the ration factors influence the mai		earn which external
	4. Re	egulation	To understand the econo regulations and the relat regulation.		
	Requ	&A management – uirements, contents, lementation	To understand the requir acquisitions. To derive th learn different options fo company.	ie contents of M&	A management. To
	6. Po	ost Merger Integration	To examine the factors w inbound acquisitions.	hich affect the su	ccessful integration of
5	Acad After & Acc trans chara Stude they Stude integ enco deve cours studi regul modu	ning outcomes: emic: completing that module, s quisitions. They are able to action as well as the motiv acteristics of the market fo ents master the instrumen are able to make the corre skills: ents learn to analyse comp rated thinking. In the exer uraged. The self-responsib lopment of an autonomou se is applied in a real life c es are referred to, so that ation of recent M&A transa- ule is available both in Eng- povement in a foreign langu	o recognize the macroecor ves of a company sale or n r companies and able to in ts for the steering of a M& ct economic organizational olex problems with multipl cises, the practical solutio ole preparation of the exer s approach to problem sol ontext. For this purpose an students gain an understa actions, as well as their be glish and German language	nomic consequent nerger. They are fa nterpret developm A process and ba al choice. e factors as well a n competence for cises supports stu- ving. Additionally nd throughout the nding of the goals est-practice manage	ces of a M&A amiliar with the nents correctly. sed on this knowledge, as abstract and applied problems is udents in their y, the content of the e course, specific case s, effects and gement. The M&A
6	Eithe	ription of possible elective r the german course/exerc to be absolved.		nglish course/exe	ercise (No. 3 + No. 4)
7	Exam	ination: Final Module Exa	Im		
	Relev	vant Work:			
8	No	Number and Type; Conne	ction to Course	Duration	Part of final mark in %
	1	Final written exam (in Ger depending on chosen cou	-	120 min.	100 %
9	Stud	y Work: none			
10	The c	equisites for Credit Points: redit points will be grante pleted.		id study work hav	e been successfully

	CP Assignment:							
		No 1 (on cho	oice)	1.50 CP				
		No 2 (on cho	oice)	0.50 CP				
11	Presence (see part 3)	No 3 (on cho	oice)	1.50 CP				
		No 4 (on cho	oice)	0.50 CP				
	Relevant Work (see part 8) No 1			4.00 CP				
	Total			6 CP				
12	Weight of the module grade for 6/120 (5%)	the overall gra	ade:					
13	Module Prerequisites: Basic knowledge of business co	ooperations.						
14	Presence: Presence is strongly recommen	ded to warrant	learnin	ng success.				
	Mobility/Acknowledgement:							
15	Use of the module for other course programs			Master Business Administration, Master Mathematics, Master Human Geography				
16	Responsible Lecturer: Prof. Dr. Theresia Theurl			Department: School of Business and Economics				
17	Misc.:							

Advanced Sports Economics

Мос	lodule Title english:		Advanced Sports Ec	onomics					
Cou	rse Pro	ogram:	Master Economics						
1	Mod MWP	u le No: VWL ¹ 3	State: Elective	Languag	ge of Instruction: German				
2	Turn : seme	each summer ester	Duration: 1 semester	Semeste 3	e r: 1 or 2 or	CP: 6	Workload	(h): 180	
	Mod	ule Structure:							
	No	Туре	Course			State	Workload	(h)	
3							Presence (h + CH)	Self- Study (h)	
	1	Lecture / Exercise	Advanced Sports Ec	Advanced Sports Economics			60 h (4 CH)	120	
4	formal economic methods to analyzing sports markets. Therefore, research papers are the basis for this course. The theoretical and empirical background of these papers is studied extensively. Advanced Sports Economics is related to the topics of the bachelor module "Sports Economics". Course content: Advanced Sports Economics is focused on the theoretical and empirical analysis of sports markets with respect to competition, players' labor markets, as well as public interventions subsidies for sports facilities.								
5	Acad Enab Soft Read	skills:	te a research paper is arch literature. Presen	·		dies and c	ritical discu	ssion of	
6	Desc none		electives within the n	nodules:					
7	Exam	nination: Final Mod	ule Exam						
	Relev	vant Work:							
_	No		Connection to Cours	е	Duration .		rt of final m	ark in %	
8	1 2	Final written exam Or: Presentation and sport economics	nd discussion of an article on		90 min. 90 min.		o % o %		

9	Study Work: none						
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.						
	CP Assignment:						
	Presence (see part 3) No 1			2.00 CP			
11	Relevant Work (see part 8)	No 1 or		4.00 CP			
		No 2		4.00 CP			
	Total			6 CP			
12	Weight of the module grade for the overall grade: 6/120 (5%)						
13	Module Prerequisites: none						
14	Presence: Presence is strongly recommend	led.to warrant le	arning s	uccess.			
	Mobility/Acknowledgement:						
15	Use of the module for other cou	urse programs		er Business Administration, Master ematics, Master Human Geography			
16	Responsible Lecturer: Prof. Dr. Aloys Prinz			Department: School of Business and Economics			
17	Misc.:						

Trade and Company Law

	Nodule Title english:			Trade and Company Law						
Сог	irse Pr	ogram:		Master Economics						
1		ule No: VWL		State: Elective	Language of Instruction: German					
2	Turn	each semes	ster	Duration: 2 semesters	Semes	ter: 1 or :	2 Or	CP: 6	Workload	l (h): 180
	Mod	ule Structure	:							
	No	No Type Cou		urse			State	•	Workload (h	ı)
3						Presence (h + CH)	Self- Study (h)			
	1	Lecture	Tra	de law and Company Law I			Com	oulsory	30 h (2 CH)	60
	2	Lecture	Со	mpany Law II	l Cor		Com	oulsory	30 h (2 CH)	60
				and Company Law. The be of the lecture in Civil						
4	earlie the t parti types types	er within the rader, the co cularities of 1 s of partnersl s of incorpora	scop mme the ti hips ation		Law. In o bany law, Compan e lecture e studen	detail, th , types of iy Law I t in Comp ts. In Coi	e lect f repre he lec bany L mpany	ure will esentati ture pre aw II int y Law I a	deal with the on, and othe sents the Ge roduces the as well as in (term of r rman German Company
5	earlie the t parti types Law liabil Learn Acad The l comp strate withi stude	er within the rader, the co cularities of t s of partnersl s of incorpora ll, the main to lities. ning outcome lemic: ectures in Tra panies. The lo egic and use in the Trade L ents are able	scop mme the tr hips ation opics es: ade a earni ful b _aw a to e	be of the lecture in Civil ercial register, the comp rade law. In the field of (GbR, OHG and KG). The Is (GmbH and AG) to the	Law. In o pany law, Compan e lecture e studen es are typ ide an ov sted to be students pe of com	detail, th , types of y Law I th in Comp ts. In Comp t	e lect f repre he lec oany L mpany present cial fo counte best t	ure will esentati ture pre aw II int y Law I a ntation a fields of r future er all rel o apply.	deal with the on, and othe sents the Ge roduces the as well as in (and different flaw relevant managers to evant legal n Eventually, t	term of r rman German Company kinds of to come to orms the
	earlid the t parti types Law liabil Learn Acad The l comp strat withi stude inher	er within the rader, the co cularities of t s of partnersl s of incorpora ll, the main to lities. ning outcome lemic: ectures in Tra- panies. The lo egic and use in the Trade L ents are able rent to certai	scop mme the tr hips ation opics es: ade a earni ful b aw a to e n typ	e of the lecture in Civil ercial register, the comp rade law. In the field of (GbR, OHG and KG). The is (GmbH and AG) to the s and learning objective and Company Law prov ing outcomes are expec- usiness decisions. The and will know which typ valuate and assess pov	Law. In o pany law, Compan e lecture e studen es are typ ide an ov sted to be students be of com wers of re	detail, th , types of y Law I th in Comp ts. In Comp t	e lect f repre he lec oany L mpany present cial fo counte best t	ure will esentati ture pre aw II int y Law I a ntation a fields of r future er all rel o apply.	deal with the on, and othe sents the Ge roduces the as well as in (and different flaw relevant managers to evant legal n Eventually, t	term of r rman German Company kinds of to come to orms the
5	earlid the t parti types Law liabil Learn Acad The l comp strat withi stude inher	er within the rader, the co cularities of t s of partnersl s of incorpora li, the main to lities. ning outcome ectures in Tra- panies. The lo egic and use in the Trade L ents are able rent to certai	scop mme the tr hips ation opics es: ade a earni ful b aw a to e n typ ssib	ee of the lecture in Civil ercial register, the comp rade law. In the field of (GbR, OHG and KG). The is (GmbH and AG) to the s and learning objective and Company Law prov ing outcomes are expec- usiness decisions. The and will know which typ valuate and assess pow- pes of companies.	Law. In o pany law, Compan e lecture e studen es are typ ide an ov sted to be students be of com wers of re modules	detail, th , types of y Law I th in Comp ts. In Comp t	e lect f repre he lec oany L mpany present cial fo counte best t	ure will esentati ture pre aw II int y Law I a ntation a fields of r future er all rel o apply.	deal with the on, and othe sents the Ge roduces the as well as in (and different flaw relevant managers to evant legal n Eventually, t	term of r rman German Company kinds of to come to orms the
5	earlie the t parti types Law liabil Learn Acad The l comp strat withi stude inher Desc none	er within the rader, the co cularities of t s of partnersl s of incorpora li, the main to lities. ning outcome ectures in Tra- panies. The lo egic and use in the Trade L ents are able rent to certai	scop mme the tr hips ation opics es: ade a earni ful b aw a to e n typ ssib	ee of the lecture in Civil ercial register, the comp rade law. In the field of (GbR, OHG and KG). The s (GmbH and AG) to the s and learning objective and company Law prov ing outcomes are expec- usiness decisions. The and will know which typ valuate and assess pow bes of companies.	Law. In o pany law, Compan e lecture e studen es are typ ide an ov sted to be students be of com wers of re modules	detail, th , types of y Law I th in Comp ts. In Comp t	e lect f repre he lec oany L mpany present cial fo counte best t	ure will esentati ture pre aw II int y Law I a ntation a fields of r future er all rel o apply.	deal with the on, and othe sents the Ge roduces the as well as in (and different flaw relevant managers to evant legal n Eventually, t	term of r rman German Company kinds of to come to orms the
5	earlie the t parti types Law liabil Learn Acad The l comp strat withi stude inher	er within the rader, the co cularities of t s of partnersl s of incorpora li, the main to lities. ning outcome ectures in Tra- panies. The lo egic and use in the Trade L ents are able rent to certai cription of po e mination: Exa vant Work:	scop mme the tr hips ation opics es: ade a earni ful b aw a to e n typ ssib	ee of the lecture in Civil ercial register, the comp rade law. In the field of (GbR, OHG and KG). The s (GmbH and AG) to the s and learning objective and company Law prov ing outcomes are expec- usiness decisions. The and will know which typ valuate and assess pow bes of companies.	Law. In o pany law, Compan e lecture e studen es are typ ide an ov sted to be students be of com wers of re modules	detail, th , types of y Law I th in Comp ts. In Comp t	e lect f repre he lec oany L mpany present cial fo counte best t ation	ire will esentati ture pre aw II int y Law I a ntation a fields of r future er all rel o apply and risk	deal with the on, and othe sents the Ge roduces the as well as in (and different flaw relevant managers to evant legal n Eventually, t	term of r rman German Company kinds of to come to orms the that are

	2	Final Exam in Company Law	/	6	o min.	50 %	
9	Stud	y Work: none					
10	The o	equisites for Credit Points: credit points will be granted a pleted.	after all relevan	t work a	and study work h	nave been successfully	
	CP A	ssignment:					
	Dree		No 1		1.00	СР	
11	Pres	sence (see part 3)	No 2		1.00	СР	
	Polo	evant Work (see part 8)	No 1		2.00	СР	
	Nele	evant work (see part of	No 2		2.00	СР	
	Tota	ıl			6 CP		
12		sht of the module grade for t o (5%)	he overall grad	e:			
13	Mod none	ule Prerequisites:					
14		ence: ence is strongly recommende	ed to warrant le	arning s	success.		
	Mobility/Acknowledgement:						
15	Use	of the module for other cou	rse programs	Maste	ter Business Administration		
16		Responsible Lecturer: Professor Dr. Johann Winfried Kindl			Department: School of Business and Economics		
17		.: e law and Company Law I wil . Bachelor Business Adminis					

International Public Economics

	dule Ti	tle english:	International Public Economics						
Cou	irse Pr	ogram:	Master Economics						
1	Mod MWF	ule No: VWL ⁹ 15	State: Elective	Language of Instru	guage of Instruction: English				
2	Turn seme	: each winter ester		Semester: 1 or 2 or 3	nester: 1 or 2 or CP: 6 Workload				
	Mod	ule Structure:							
	No	Туре	Course	State	Workload	(h)			
3				Advanced Public Economics (Lecture with tutorial)			Self- Study (h)		
	1	Lecture / Exercise	Advanced Public Econo tutorial)				120		
4	Course content: In this course students will discuss scientific papers in public economics. The main focus is on the methodology of recent research in this field. This includes mathematical models and estimation procedures. The course aims at research-orientated master students and graduate students.								
	estin	nation procedures		d. This includes ma	thematical m	odels and			
5	estin stud Learn Acad The c econ to wo for th Soft	nation procedures ents. ning outcomes: lemic: course gives an or omics. Participar ork with formal m ne students' own skills:		d. This includes mat earch-orientated mat nt research papers a nalyse and classify stimation technique or doctoral thesis.	thematical m aster student and methods scientific pap es is an impo	odels and s and gradu in public pers. Learnir	ate ng how		
5	estin stud Acad The c econ to wo for th Soft Parti	nation procedures ents. ning outcomes: lemic: course gives an or omics. Participar ork with formal m ne students' own skills: cipants will learn	s. The course aims at reserverview of the most recernts will be able to read, and apply recent expresearch within a master	d. This includes mat earch-orientated mat nt research papers a nalyse and classify stimation technique or doctoral thesis. formal and abstract	thematical m aster student and methods scientific pap es is an impo	odels and s and gradu in public pers. Learnir	ate ng how		
	estin studi Acad The c econ to wo for th Soft Parti	nation procedures ents. ning outcomes: lemic: course gives an or omics. Participar ork with formal m ne students' own skills: cipants will learn	s. The course aims at reserverview of the most recents will be able to read, and apply recent expresearch within a master how to think at a highly for the section of the s	d. This includes mat earch-orientated mat nt research papers a nalyse and classify stimation technique or doctoral thesis. formal and abstract	thematical m aster student and methods scientific pap es is an impo	odels and s and gradu in public pers. Learnir	ate ng how		
6 7	estin stud Acad The c econ to wo for th Soft Parti Desc none	nation procedures ents. ning outcomes: lemic: course gives an or omics. Participar ork with formal m the students' own skills: cipants will learn sription of possible mination: Final Market vant Work:	s. The course aims at reserverview of the most recents will be able to read, and apply recent expresearch within a master how to think at a highly for the section of the s	d. This includes material earch-orientated material nt research papers a nalyse and classify stimation technique or doctoral thesis. formal and abstract	and methods scientific papes is an impo	odels and s and gradu in public pers. Learnir	ate		
6	estin studi Learn Acad The c econ to wo for th Soft Parti Desc none Exan	nation procedures ents. ning outcomes: lemic: course gives an or omics. Participar ork with formal m the students' own skills: cipants will learn sription of possible mination: Final Market vant Work: Number and Typ	s. The course aims at reserview of the most recern nts will be able to read, an odels and apply recent ex research within a master how to think at a highly f le electives within the mo odule Exam	d. This includes material earch-orientated material nat research papers a nalyse and classify stimation technique or doctoral thesis. formal and abstract odules:	and methods scientific papes is an impo level.	odels and s and gradu in public pers. Learnir rtant require	ate		

10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.						
	CP Assignment:						
11	Presence (see part 3)	No 1	2.00 CP				
	Relevant Work (see part 8)	No 1		4.00 CP			
	Total			6 CP			
12	Weight of the module grade for t 6/120 (5%)	he overall grad	e:				
13	Module Prerequisites: Good knowledge in microeconomic theory and econometrics, strong interest in scientific research, participation in the course 'Public Economics' is recommended but not required.						
14	Presence: Presence is strongly recommended	ed to warrant le	arning s	uccess.			
	Mobility/Acknowledgement:						
15	Use of the module for other cou	rse programs	Master Business Administration, Master Pub Policy, Master Mathematics, Master Human Geography				
16	Responsible Lecturer: Professor Dr. Johannes Becker		Department: School of Business and Economics		d Economics		
17	Misc.:						

Fiscal Policy

Mod	dule Tit	tle english:	Fiscal Policy					
Cou	rse Pro	ogram:	Master Economics					
1	Modı MWP	Jle No: VWL 16	State: Elective	Langua	ge of Instru	ction: Germ	an	
2	Turn: seme	each winter ester	Duration: 1 semester	Semest	t er: 1 or 2 or	CP: 6	Workload (1): 180
	Modu	le Structure:						
	No Туре		Course			State	Workload	l (h)
3							Presence (h + CH)	Self- Study (h)
	1	Lecture/ Exercise	Lecture Fiscal Policy			Compulso	ry 45 h (3 CH)	150
4	This ((1) Fi fe (2) Fi	inancial equalisati ederal government	on at local level in Nor				l as between	the
5	Acad Withi	n this course stude	ents acquire advanced will be able to analyse					
6	Desc none		electives within the n	nodules:				
7	Exam	ination: Final Mod	lule Exam					
8	Relev No		; Connection to Cours		Duration		of final marl	cin %
	1	Final written exam	1		60 min.	100	%	
9	Study	y Work: none						
10	The c	equisites for Credit redit points will be pleted.	Points: granted after all relev	vant work	c and study v	vork have b	een success	fully

	CP Assignment:							
11	Presence (see part 3)	No 1		1.50 CP				
	Relevant Work (see part 8)	No 1		4.50 CP				
	Total			6 CP				
12	Weight of the module grade for the overall grade: 6/120 (5%)							
13	Module Prerequisites: Good knowledge in microeconomic theory, participation in the course 'Public Economics' is recommended but not required.							
14	Presence: Presence is strongly recommende	d to warrant lea	arning s	success.				
	Mobility/Acknowledgement:							
15	Use of the module for other cours	se programs	Master Business Administration, Master Public Policy, Master Mathematics, Master Human Geography					
16	Responsible Lecturer: Professor Dr. Johannes Becker			Department: School of Business and Economics				
17	Misc.:							

Module Title english: **Applied Microeconometrics Master Economics Course Program:** Module No: VWL State: Elective Language of Instruction: English 1 MWP17 Turn: each winter Duration: 1 Semester: 1 or 2 or **CP:** 6 Workload (h): 180 2 semester semester 3 **Module Structure:** No Type Course State Workload (h) Self-Presence 3 Study (h + CH)(h) Lecture **Microeconometrics** Compulsory 30 h (2 CH) 60 1 60 2 Exercise **Tutorial Microeconometrics** Compulsory 30 h (2 CH) **Module Profile:** Purpose of the module/integration into curriculum: This course builds on the courses statistics, empirical methods, advanced statistics and econometrics | & II. **Course content:** The course introduces the most common methods used in modern microeconometric applications and shows how these methods can be implemented using statistical software. 4 Learning objectives Themes Instrumental variables Regression During the lectures I will introduce econometric **Discontinuity Design Panel-data models** methods and their applications. In the tutorial, we Quantile regression Limited dependent will implement those methods using real world variables data. Learning outcomes: Academic: Participants should be able (i) to identify appropriate estimation methods in specific economic applications and (ii) implement those methods practically using statistical software. 5 Soft skills: You get experience in analyzing complex economic problems by conducting small scale econometric projects independently. **Description of possible electives within the modules:** 6 none **Examination:** Final Module Exam 7 8 **Relevant Work:**

Applied Microeconometrics

	No	Number and Type; Connect	ion to Course	Du	ration	Part of final mark in %		
	1	Final written exam		90	min.	100 %		
9	Stud	y Work: none						
10	The o	equisites for Credit Points: credit points will be granted a pleted.	after all relevar	nt work a	nd study work h	ave been successfully		
	CP A	ssignment:						
	Dree		No 1		1.00	CP		
11	Pres	sence (see part 3)	No 2		1.00	CP		
	Rele	evant Work (see part 8)	No 1		4.00	СР		
	Total				6 CP			
12		ght of the module grade for tl o (5%)	he overall grad	e:				
13	Reco	ule Prerequisites: ommended: Statistics, Empiri helor's level)	cal Methods (N	Master's	evel), Advance	d Statistics, Econometrics		
14		ence: ence is strongly recommende	ed.to warrant le	earning s	uccess.			
	Mobility/Acknowledgement:							
15	Use	of the module for other cour	se programs		ter Business Administration, Master hematics, Master Human Geography			
16		o onsible Lecturer: obias Böhm			Department: School of Business and Economics			
17	Misc							

Time Series Analysis

Мо	dule Ti	tle english:		Time Series Analysis	5					
C οι	ırse Pr	ogram:		Master Economics	Master Economics					
1	Mod MWF	ule No: VWL P18		State: Elective	Language of Instruction: English					
2	Turn seme	: each summ ester	er	Duration: 1 semester	Semester: 1 or 3	r 2 or	CP: 6	Workload	i (h): 180	
	Mod	ule Structure	:							
	No	Туре	Cour	se		State	!	Workload (h)	
3								Presence (h + CH)	Self- Study (h)	
	1	Lecture	Time	Series Analysis		Comp	oulsory	30 h (2 CH)	60	
	2	Exercise	Time	Series Analysis		Comp	oulsory	30 h (2 CH)	60	
4	series analysis approaches used in empirical economics. Course content: Topics: Univariate times series; stochastic processes; stationarity; moment functions; ergodicity; random walks; white noise; ARMA processes; estimation methods; unit root tests; GACRH processes. Learning goals: Active and passive comprehension of the methods of time series analysis.									
5										

	exploratory, visualization, modelling and computational tools. The students can engage their creativity in the quest for novel or elegant solutions. Communication: The students accept comments and feedback, and learn from them. They can explain fundamental concepts from time series analysis to non-experts. They can justify choices made during problem solving and interpretation of results. The students present the results and assessment of a problem solving strategy. They communicate logical arguments both orally and in writing to a range of audiences.							
6	Description of possible electives within the modules: none							
7	Exam	ination: Final Module Exam						
8	Relev No	vant Work: Number and Type; Connecti	on to Course	Du	iration	Part of final mark in %		
	1	Final written exam		90	min.	100 %		
9	Study	y Work: none						
10	The c	equisites for Credit Points: redit points will be granted a pleted.	fter all relevant	work a	nd study work	have been successfully		
	CP As	ssignment:						
	Pres	ence (see part 3)	No 1		1.00	СР		
11			No 2		1.00			
		want Work (see part 8)	No 1		4.00 6 CP			
	Tota							
12	-	ht of the module grade for th o (5%)	ie overall grade	:				
13	Reco Scier	Ile Prerequisites: mmended: Sound knowledge ace 1 and 2, Empirical Econom rical Methods at the Master l	nics, Advanced					
14	Prese Prese	ence: ence is strongly recommende	d to warrant lea	rning s	uccess.			
	Mobi	Mobility/Acknowledgement:						
15	Use	of the module for other cours	co programe			inistration, Master Human Geography		
16	-	onsible Lecturer: Dr. Mark Trede, Professor Dr.	Bernd Wilfling		Department: School of Bu	siness and Economics		

17	Misc.:	

Financial Econometrics

Мо	dule Ti	tle english:		Financial Econometrics								
Course Program: Master Economics												
1	Mod MWF	ule No: VWL ⁹ 19		State: Elective	Language of I	guage of Instruction: English						
2	Turn: seme	each summ ester	ier	Duration: 1 semester	Semester: 1 or 3	r 2 or	CP: 6	Workload	d (h): 180			
	Mod	ule Structure	e:									
	No	Туре	Cour	se		State		Workload (h)			
3								Presence (h + CH)	Self- Study (h)			
	1	Lecture	Finar	ncial Econometrics		Comp	ulsory	30 h (2 CH)	60			
	2	Exercise	Finar	ncial Econometrics		Comp	ulsory	30 h (2 CH)	60			
4	are s Cour Topic testin stock Educ techn In the real-v emei data	Methods", and "Time Series Analysis" econometric techniques for analysing financial-market data are studied Course content: Topics: Asset-price dynamics and volatility, asset prices and returns, stochastic processes, testing efficient-market hypotheses, volatility processes, GARCH-processes, models with stochastic volatility, present-value models and rational bubbles, Capital Asset-Pricing model. Educational objectives: The primary goal consists in the problem-oriented use of econometric techniques for empirically analyzing a plethora of phenomena in international financial markets. In the classes the students learn to use appropriate statistical software packages. By analyzing real-world data sets, students learn how to handle frequently encountered pitfalls typically emerging in applied econometric work, apart from theoretical modelling. By analyzing real-world data sets, the students learn how to handle frequently encountered pitfalls typically emerging in applied econometric work.										

	contexts. Problem solving: The students use their training in financial econometrics to help guide possible lines of inquiry. They solve complex problems by identifying feasible divisions into simpler sub-problems. They gather and organize relevant information such as related problems, examples and counterexamples. They sharpen econometric questions as a problem solving strategy. They identify suitable existing methods of analysis and assess their strengths and weaknesses in the context of the problem being considered. They construct abstract models using appropriate econometric and economic tools. They use computers and software as exploratory, visualization, modelling and computational tools. The students can engage their creativity in the quest for novel and elegant solutions. Communication: The students accept comments and feedback, and learn from them. They can explain fundamental concepts arising in international financial markets to non-experts. They can justify choices made during problem solving and interpretation of results. The students present the results and assessment of a problem solving strategy. They communicate logical arguments, both orally and in writing, to a range of audiences.									
6	Description of possible electives within the modules: none									
7	Examination: Final Module Exam									
	Relevant Work:									
8	No Number and Type; Connect	ion to Course	Duration	Part of final mark in %						
	1 Final written exam		90 min.	100 %						
9	Study Work: none									
10	Prerequisites for Credit Points: The credit points will be granted a completed.	after all relevant wo	rk and study work l	nave been successfully						
	CP Assignment:									
		No 1	1.00	СР						
11	Presence (see part 3)	No 2	1.00	СР						
	Relevant Work (see part 8)	No 1	4.00	СР						
	Total		6 CP							
12	Weight of the module grade for the 6/120 (5%)	ne overall grade:								
13	Module Prerequisites: Recommended: Sound knowledg Science 1 and 2, Empirical Econor Empirical Methods, Time Series A	nics, Advanced Sta								
14	Presence: Presence is strongly recommende	ed to warrant learnir	ng success.							
15	Mobility/Acknowledgement:									

	Use of the module for other course programs	ster Business Administration, Master thematics					
16	Responsible Lecturer: Prof. Dr. Mark Trede, Professor Dr. Bernd Wilfling	Department: University of Münster, School of Business and Economics					
17	Misc.:						

Practial Courses in Research

Mo	dule Ti	tle english:	Pra	actial Course	es in I	Research				
Cou	rse Pr	ogram:	Ma	aster Econor	mics					
1	Mod MWP	ule No: VWL 20	St	ate: Elective	9	Language of Instruc	t ion: Germ	an or	English	
2	Turn: seme	: each ester		uration: 1 mester		Semester: 1 or 2 or 3	CP: 6	Wo	rkload (h):	180
	Mod	ule Structure:								
	No Type			Course			State	State Workloa		
3									Presence (h + CH)	Self- Study (h)
	1 Lecture / Practical C Seminar			Practical Co	ourses	in Economic Researc	h Compu	lsory	45 h (3 CH)	135
4	Cour This differ stude simu be co There as we	rent sources of d ents are able to r ltaneously to the onducting an ind efore, the scienti ell as the compil	teac lata, relat e lec epe ific e	th scientific of , collecting a te to the con ture. They w ndent empire valuation of n and analys	and ed Itent c vill be rical s f the r sis of	ical work. Contextual liting data and introdu of the module as they tested in an exam. As tudy which will be pre elevant literature and appropriate data.	ucing usua are workin part of thi sented in	l stat g with is mo a sem	istic softwa n the softwa dule, stude ninar paper	are. The are ents will
		mes atastream and of	thar			ing objectives	atactroam	and c	ther datab	2505
		nomic databases				ze and value datasets				ases.
	2. S	OEP (and Mikroz	ens	us) I	Introd	uction in Stata				
5	2. SOEP (and Mikrozensus)Introduction in StataLearning outcomes: Academic: This module aims to teach scientific empirical work, students are able to develop and analyse an independent empirical study. The lecture gives a better understanding of academic papers. Caused by the applied view of the lecture, students learn basic knowledge for working on an own publication, this includes the teaching of empirical methods esp. microeconometrics. Soft skills: Analyzing skills and media knowledge are learned in this course. The students learn the use of Databases and structuring the datasets. By writing their own research paper students have to show, that they are able to work independently on their research topic. Moreover, students have									an own se of e to

		to present their research results in class and have to scrutinize the presented papers and results as it is common in research conferences, i.e. they learn research discussions.									
6	Desc none	ription of possible electives	within the moo	lules	:						
7	Exam	iination: Examinations for ev	very part of the	mod	ule						
	Relev	vant Work:									
8	No	Number and Type; Connecti	on to Course	Course Duration			Part of final mark in %				
	1	Preparation of a seminar pa presentation and discussior			max. of 15 p max. of 45		100 %				
9	Stud	y Work: none									
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.										
	CP Assignment:										
11	Pres	sence (see part 3)	No 1			1.50 CP					
		evant Work (see part 8)	No 1	4.50 Cl							
	Tota	ıl				6 CP					
12	-	ht of the module grade for th o (5%)	ne overall grad	e:							
13	Mod none	ule Prerequisites:									
14		ence: ence is strongly recommende	d to warrant le	arnin	g success.						
	Mobi	ility/Acknowledgement:									
15	Use	of the module for other cour	se programs				ration, Master an Geography				
16		onsible Lecturer: essor Dr. Martin Bohl			Departmen School of B		nd Economics				
17	Misc The p	.: oractical Course in Economic	Research will t	be off	ered as a co	operation o	of both chairs.				

Advanced Macroeconomics (PhD-Level)

Мос	Module Title english:			Advanced I	Advanced Macroeconomics (PhD-Level)								
Cou	rse Pro	ogram:		Master Eco	nomics								
1	Modu MWP	u le No: VWL 21		State: Elect	tive	Language of I	nstruct	ion: En	glis	ih			
2	Turn: seme	each summe ester	er	Duration: 1 semester		Semester: 1 01	r 2 or	CP: 6		Workloa	d (h): 180		
	Modu	ule Structure	:										
	No Type Course			se			State Workload (h)			ı)			
3										esence + CH)	Self- Study (h)		
	1	Lecture	PhD /	Advanced Ma	acroecon	omics	Comp	ulsory	30	h (2 CH)	150		
4	Dyna macr the a resea expe 1/3 0 demo	oeconomic n cquired know arch papers a cted to hand f the points e onstrate the a vledge to mod	nodel s wledge ire disc in the earned ability	structures. Th within empi cussed. Stud se problem s by writing a to reproduce	ne studen rical app ents are ets, whic final exa subjects	/ discussed and its are required lications, i.e. tex provided with tw h each make up m). In the proble discussed in cl	to work ktbook vo prot o 1/3 of em sets	theorie theorie olem se the fin 5, stude	etica es a: ets. l al g ents	ally and a s well as r Participar grade (with s should	lso apply relevant its are in the final		
			Dynam	ics,	Students models.	s know how to s	olve dy	/namic	ma	croecono	mic		
5	Macroeconomic Dynamics, OptimizationStudents know how to solve dynamic macroeconomic models.Learning outcomes: Academic: The module provides knowledge on advanced methods of theoretical and quantitative research in the field of macroeconomics. This knowledge is required for various research agendas, and of high relevance to research institutes and research groups in international organizations. Most important, the module offers the students essential methods for a PhD thesis in macroeconomics. The lecture is given in English and is thereby conducive to improving language skills.Soft skills: After completing the module, students are familiar with topics and methods of modern macroeconomics. The students are able to analyse theoretical questions in a profound way, to identify, and to use dynamic optimization techniques to solve problems in a differentiated way. The analysis and profound discussion of complex models strengthen the individual problem-												

	Prob	solving ability and the capability for abstract and logical reasoning. In addition, by preparing Problem Sets students learn to apply their acquired knowledge in new and unfamiliar situations and enhance their coordinating, as well as their organising and communication skills.									
6	Desc none	ription of possible elective	s within the mo	dules:							
7	Exam	Examination: Examinations for every part of the module									
	Relevant Work:										
0	No	Number and Type; Connec	tion to Course	Du	ration	Part of final mark in %					
8	1	Problem sets		2 X	10 - 15 pages	66.7 %					
	2	Written exam		60	min.	33.3 %					
9	Study Work: none										
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.										
	CP Assignment:										
	Pres	sence (see part 3)	No 1		1.00	СР					
11	Polo	evant Work (see part 8)	No 1		3.50	СР					
	Rele	want work (see part o)	No 2		1.50	СР					
	Tota	ıl									
12	-	ht of the module grade for o (5%)	the overall grad	le:							
13	Mod none	ule Prerequisites:									
14		ence: ence is strongly recommend	led to warrant le	earning su	uccess						
15	Mobi	ility/Acknowledgement:									
-7	Use	of the module for other cou	irse programs	Master	Business Admi	nistration					
16		onsible Lecturer: essor Dr. Bernd Kempa, Dr. J	ana Riedel		Department: School of Bus	siness and Economics					
17	Misc	.:									

Business Ethics and Normative Economics

Mod	lule Ti	tle english:		Business Ethics and Normative Economics							
Cou	rse Pro	ogram:		Master Economics							
1	Modu MWP	ile No: VWL 22		State: Elective	Language of Instruction: German or English						
2	Turn: seme	each winter ester		Duration: 1 semester	Semester: 1 or 2 or 3	CP: 6	Workload (I	1): 180			
	Modu	ule Structure:	:								
	No	Туре	Co	urse		State	Workload	(h)			
3							Presence (h + CH)	Self- Study (h)			
	1	Lecture	Fοι	undations in Econom	ics Ethics	Compulsory	30 h (2 CH)	60			
	2	Exercise	Tut	orial on Foundations	in Economic Ethics	Compulsory	30 h (2 CH)	60			
4	 Purpose of the module/integration into curriculum: The module is designed to convey a basic insight into the normative perspective on economic institutions and relations, and to the claims and responsibilities within them. Course content: The module offers an introduction into the foundations of economic ethics, covering the ethics of economic institutions like the market, competition, or money, as well as particular ethical requirements that can be ascribed to economic agents such as consumers or corporations. One of the main aims is to understand, why the particular sphere of the economy raises specific ethical challenges. 										
5	Learning outcomes:Academic:Familiarity with core concepts and core positions of philosophical ethics insofar as these are relevant to economic ethics in particular. Determination of the relation of ethical and economic theories. Acquaintance with some of the classical contributions to economic ethics.Soft skills:The module aims at enabling students to identify ethical problems within economic relations; to interpret and discuss these problems by making use of the appropriate philosophical vocabulary; and to detect flaws in particular arguments that occur in contributions to questions of economic ethics. Active participation in the course and engagement with the assigned readings are required.										
6	Desc none	• •	sibl	e electives within the	e modules:						
7	Exam	iination: Fina	al Mo	odule Exam							

	Rele	vant Work:								
8	No	Number and Type; Connecti	ion to Course		Duration	Part of final mark in %				
	1	Final written exam			60 min.	100 %				
9	Stud	y Work: none								
10	The o	equisites for Credit Points: credit points will be granted a pleted.	ifter all relevan	t worl	k and study work	have been successfully				
	CP A	CP Assignment:								
	Dura		No 1		1.00	СР				
11	Pres	sence (see part 3)	No 2			СР				
	Rele	evant Work (see part 8)	No 1 4.00			СР				
	Tota	al			6 CP					
12		ght of the module grade for th o (5%)	ne overall grade	e:						
13	Mod none	ule Prerequisites:								
14		ence: ence is strongly recommende	d to warrant lea	arnin	g success.					
	Mob	ility/Acknowledgement:								
15	Use	of the module for other cour	se programs		aster Business Administration, Master formation Systems					
16		oonsible Lecturer: essor Dr. Ulrich van Suntum		Department: University of Münster, School of Business and Economics						
17	Misc	.:								

Selected Issues in Economics 1

Mod	lule Ti	tle english:	Selected Issues in Economics 1								
Cou	rse Pro	ogram:	Master Economics								
1	Modu MWP	ule No: VWL 23	State: Elective	State: Elective Language of Instruction: German or English							
2	Turn: seme	each ester	Duration: 1 semester	Semester 3	': 1 Or 2 Or	CP: 6	Wo	rkload (h):	180		
Module Structure:											
	No	Туре	Course		State		Workload	(h)			
3								Presence (h + CH)	Self- Study (h)		
	1	Lecture / Exercise	Selected Issues i	n Economio	S	Compu	mpulsory 60 h (4 120 CH)				
4	econ Cour s This whicl politi	omics will be giv se content: module provides h are out of the s	dules studied in Bac en in order to achiev the opportunity wor tandard syllabus. Fo neoretical topic or pu	e deeper kr king on sele r instance t	nowledge in ected econ opics can b	n a specifi omic thec oe related	ic topio ories an to cur	c. nd problem rent econo	mic-		
5	Acad The mind will b other Soft	towards interdis be able to bring t r intellectual app skills:	hink out of the box of sciplinary contents an heir knowhow into qu proaches and sociopc analyze complex que	nd unconve uestion as v Ilitical topic	ntional wa vell to appl cs.	ys of thin y their kn	king. H owled	lence stude ge referred	ents		
6	Desc none	• •	le electives within th	ie modules	:						
7	Exam	iination: Final M	lodule Exam								
	Relev	vant Work:									
8	No	-	pe; Connection to Co	urse	Duration			final mark	in %		
	1	Final written ex	am		max. of 12	o min.	100 %				
9	Stud	y Work: none									
10	Prerequisites for Credit Points: The credit points will be granted a completed.	after all relevan	it wor	rk	and study work have been successfully						
----	---	-------------------	--------	----	---						
	CP Assignment:										
11	Presence (see part 3)	No 1			2.00 CP						
	Relevant Work (see part 8)	No 1			4.00 CP						
	Total				6 CP						
12	Weight of the module grade for the 6/120 (5%)	ne overall grad	e:								
13	Module Prerequisites: none										
14	Presence: Presence is strongly recommende	ed to warrant le	arnin	١g	success.						
	Mobility/Acknowledgement:										
15	Use of the module for other cour	se programs	Poli	ic	er Business Administration, Master Public y, Master Mathematics, Master Physics, er Human Geography						
16	Responsible Lecturer: Professor Dr. Johannes Becker				Department: School of Business and Economics						
17	Misc.: The module can be held either in	German or in E	nglis	h							

Selected Issues in Economics 2

Mo	dule Ti	tle english:	Selected Issues in E	Economics	2						
Cou	rse Pr	ogram:	Master Economics	ster Economics							
1	Mod MWP	u le No: VWL 224	State: Elective	Language of Instruction: German or English							
2	Turn: seme	each ester	Duration: 1 semester	Semester or 3	^{:10r2}	: P: 6	Workload (h):	180			
	Mod	ule Structure:									
	No	Туре	Course			State	Workload	(h)			
3	Presence Self- Study (h + CH)										
	Image: second										
4	This whic politi	h are out of the s	s the opportunity wor standard syllabus. Fo neoretical topic or pu	r instance t	opics can be	related to	current econo	mic-			
5	Acad The r mind will b other Soft	l towards interdi be able to bring t r intellectual app skills:	hink out of the box of sciplinary contents an heir knowhow into qu proaches and sociopo analyze complex que	nd unconve uestion as v olitical topic	ntional ways vell to apply t s.	of thinking heir knowl	g. Hence stud ledge referred	ents			
6	Desc none	• •	le electives within th	ie modules	:						
7	Exam	ination: Final N	lodule Exam								
	Relev	vant Work:			l	I					
8	No	-	pe; Connection to Co	urse	Duration		t of final mark	in %			
	1	Final written ex	am		max. of 120	min. 100	%				
9	Stud	y Work: none									

10	Prerequisites for Credit Points: The credit points will be granted a completed.	after all relevan	it wor	rk	and study work have been successfully
	CP Assignment:				
11	Presence (see part 3)	No 1			2.00 CP
	Relevant Work (see part 8)	No 1			4.00 CP
	Total				6 CP
12	Weight of the module grade for the 6/120 (5%)	ne overall grad	e:		
13	Module Prerequisites: none				
14	Presence: Presence is strongly recommende	ed to warrant le	arnin	١g	success.
	Mobility/Acknowledgement:				
15	Use of the module for other cour	se programs	Poli	ic	er Business Administration, Master Public y, Master Mathematics, Master Physics, er Human Geography
16	Responsible Lecturer: Professor Dr. Johannes Becker				Department: School of Business and Economics
17	Misc.: The module can be held either in	German or in E	nglis	h	

Selected Issues in Economics 3

Mo	dule Ti	tle english:	Selected Issues in E	Economics	3							
Cou	rse Pro	ogram:	Master Economics									
1	Modu MWP	ule No: VWL ² 25	State: Elective	Language	e of Instruct	t ion: Gern	nan or	English				
2	Turn: seme	each ester	Duration: 1 semester	Semester 3	: 1 or 2 or	CP: 6	Workload (I		180			
	Modu	ule Structure:										
	No	Туре	Course			State		Workload	(h)			
3								Presence (h + CH)	Self- Study (h)			
	1Lecture / ExerciseSelected Issues in EconomicsCompulsory CH60 h (4 CH)120											
4	Cour s This whicl politi	se content: module provides h are out of the s	en in order to achiev the opportunity wor standard syllabus. Fo neoretical topic or pu	king on sele r instance t	ected econo opics can b	omic theo e related	ories an to cur	nd problem rent econo	mic-			
5	Acad The n mind will b other Soft	towards interdis be able to bring t r intellectual app skills:	hink out of the box of sciplinary contents an heir knowhow into qu proaches and sociopo analyze complex que	nd unconve uestion as v olitical topic	entional way well to apply cs.	ys of thinl y their kn	king. H owled;	lence stude ge referred	ents			
6	Desc none	• •	le electives within th	ne modules	:							
7	Exam	ination: Final N	Iodule Exam									
	Relev	vant Work:										
	No	Number and Ty	Relevant Work:									
8		-	pe; Connection to Co	urse	Duration			final mark	in %			
8	1	Final written ex	-	urse	Duration max. of 12		Part of 100 %	final mark	in %			

10	Prerequisites for Credit Points: The credit points will be granted a completed.	after all relevan	it wor	rk	and study work have been successfully
	CP Assignment:				
11	Presence (see part 3)	No 1			2.00 CP
	Relevant Work (see part 8)	No 1			4.00 CP
	Total				6 CP
12	Weight of the module grade for the 6/120 (5%)	ne overall grad	e:	_	
13	Module Prerequisites: none				
14	Presence: Presence is strongly recommende	ed to warrant le	arnin	າຍ	success.
	Mobility/Acknowledgement:				
15	Use of the module for other cour	se programs	Poli	ic	ter Business Administration, Master Public sy, Master Mathematics, Master Physics, ter Human Geography
16	Responsible Lecturer: Professor Dr. Johannes Becker				Department: School of Business and Economics
17	Misc.: The module can be held either in	German or in E	nglis	h	

Selected Issues in Economics 4

Mo	dule Ti	tle english:	Selected Issues in I	Economics	4						
Cou	rse Pr	ogram:	Master Economics								
1	Mod MWP	ule No: VWL 226	State: Elective	Language of Instruction: German or English							
2	Turn : seme	each ester	Duration: 1 semester	Semester or 3	^{•••••••••••••••••••••••••••••••••••••}	: P: 6	Workload (h):	180			
	Mod	ule Structure:									
	No	Туре	Course			State	Workload	(h)			
3	Presence Self- Study (h + CH)										
	Image: second										
4	This whic politi	h are out of the s	s the opportunity wor standard syllabus. Fo neoretical topic or pu	r instance t	opics can be	related to	current econo	mic-			
5	Acad The r mind will b other Soft	l towards interdis be able to bring t r intellectual app skills:	hink out of the box of sciplinary contents an heir knowhow into qu proaches and sociopo analyze complex que	nd unconve uestion as v olitical topic	ntional ways vell to apply t cs.	of thinking heir know	g. Hence stude ledge referred	ents			
6	Desc none		le electives within th	ne modules	:						
7	Exam	nination: Final M	lodule Exam								
		vant Work:				I					
8	No	-	pe; Connection to Co	urse	Duration		t of final mark	in %			
	1	Final written ex	am		max. of 120	min. 100	70				
9	Stud	y Work: none									

10	Prerequisites for Credit Points: The credit points will be granted a completed.	after all relevan	it wor	rk	and study work have been successfully
	CP Assignment:				
11	Presence (see part 3)	No 1			2.00 CP
	Relevant Work (see part 8)	No 1			4.00 CP
	Total				6 CP
12	Weight of the module grade for the 6/120 (5%)	ne overall grad	e:		
13	Module Prerequisites: none				
14	Presence: Presence is strongly recommende	ed to warrant le	arnin	١g	success.
	Mobility/Acknowledgement:				
15	Use of the module for other cour	se programs	Poli	ic	er Business Administration, Master Public y, Master Mathematics, Master Physics, er Human Geography
16	Responsible Lecturer: Professor Dr. Johannes Becker				Department: School of Business and Economics
17	Misc.: The module can be held either in	German or in E	nglis	h	

Current Issues in Economics

	dule Ti	tle english:	Сі	urrent Issues in Eco	onomics						
Cou	irse Pro	ogram:	М	aster Economics							
1	Modu MWP	ule No: VWL 27	St	t ate: Elective	tion: Germ	an or	English				
2	Turn: seme	each ester		uration: 1 emester	CP: 6	CP: 6 Workload (h):					
	Modu	ule Structure:									
	No	Туре		Course		State		Workload	(h)		
3									Self- Study (h)		
	1Lecture / ExerciseSelected Issues in EconomicsCompulsory60 h (4 CH)120 CH)										
4	Course content: This module provides the opportunity working on selected economic theories and problems which are out of the standard syllabus. For instance topics can be related to current economic-political topics or a theoretical topic or publication or from the field of econometrics and statistics or other fields.										
	whicl politi	module provides h are out of the s cal topics or a th	star	idard syllabus. For	instance topics can b	omic theor be related t	ies ar o cur	nd problem rent econo	mic-		
5	whicl politi or oth Learr Acad The n mind will b other Soft	module provides h are out of the s cal topics or a th her fields ning outcomes: emic: nodule aims to t towards interdis be able to bring t r intellectual app skills:	hin hin scip hei	k out of the box of plinary contents an k nowhow into qua ches and sociopol	ing on selected econ instance topics can b lication or from the fi the standard syllabu d unconventional wa estion as well to app	omic theor be related t ield of ecor s in econor ys of thinki ly their kno	ies ar o cur nome nics a ing. H wled	nd problem rent econo trics and st and to oper lence stude ge referred	mic- atistics		
5	whicl politi or otl Learr Acad The n mind will b other Soft s Stud	module provides h are out of the s cal topics or a th her fields ning outcomes: emic: nodule aims to t towards interdis be able to bring t r intellectual app skills: ents are able to a ription of possib	hin scip hei ana	k out of the box of plinary contents an k nowhow into qua ches and sociopol	ing on selected econ instance topics can b lication or from the fi d unconventional wa estion as well to app litical topics.	omic theor be related t ield of ecor s in econor ys of thinki ly their kno	ies ar o cur nome nics a ing. H wled	nd problem rent econo trics and st and to oper lence stude ge referred	mic- atistics		
	whicl politi or otl Learr Acad The n mind will b other Soft s Stude Desc none	module provides h are out of the s cal topics or a th her fields ning outcomes: emic: nodule aims to t towards interdis be able to bring t r intellectual app skills: ents are able to a ription of possib	hin hin scip hei broa	k out of the box of plinary contents an r knowhow into qu ches and sociopol	ing on selected econ instance topics can b lication or from the fi d unconventional wa estion as well to appl itical topics.	omic theor be related t ield of ecor s in econor ys of thinki ly their kno	ies ar o cur nome nics a ing. H wled	nd problem rent econo trics and st and to oper lence stude ge referred	mic- atistics		
6	whicl politi or oth Learr Acad The n mind will b other Soft s Stude Desc none	module provides h are out of the s cal topics or a th her fields ning outcomes: emic: nodule aims to t towards interdis be able to bring t r intellectual app skills: ents are able to a ription of possib	hin hin scip hei broa	k out of the box of plinary contents an r knowhow into qu ches and sociopol	ing on selected econ instance topics can b lication or from the fi d unconventional wa estion as well to appl itical topics.	omic theor be related t ield of ecor s in econor ys of thinki ly their kno	ies ar o cur nome nics a ing. H wled	and to oper lence stude ge referred	mic- atistics		
6	whicl politi or oth Learr Acad The n mind will b other Soft s Stude Desc none	module provides h are out of the s cal topics or a th her fields ning outcomes: emic: nodule aims to t towards interdis be able to bring t r intellectual app skills: ents are able to a ription of possib	hin scip hei oroa ana	k out of the box of plinary contents an r knowhow into qu ches and sociopol	ing on selected econ instance topics can be dication or from the find the standard syllabue d unconventional wa estion as well to applitical topics. It ions on their own ar e modules:	omic theor be related t ield of ecor s in econor ys of thinki ly their kno	ies ar o cur nome nics a ing. H wled	nd problem rent econo trics and st and to oper lence stude ge referred	mic- atistics		

	2 Written exam		max.	of 90 min.		60 %	
9	Study Work: none						
10	Prerequisites for Credit Points: The credit points will be granted a completed.	after all relevar	it wor	k and study v	vork have	e been successfully	
	CP Assignment:						
	Presence (see part 3)	No 1			2.00 CP		
11	Relevant Work (see part 8)						
		No 2			2.50 CP		
	Total		6 CP				
12	Weight of the module grade for the 6/120 (5%)	he overall grad	e:				
13	Module Prerequisites: none						
14	Presence: Presence is strongly recommende	ed to warrant le	arnin	g success.			
	Mobility/Acknowledgement:						
15	Use of the module for other cour	se programs	Poli		athemati	tration, Master Public cs, Master Physics, ⁄	
16	Responsible Lecturer: Professor Dr. Johannes Becker			Department School of B		Ind Economics	
17	Misc.: The module can be held either in	German or in E	nglisl	۱.			

Module Title english: Specialization in Economics 1											
Cou	rse Pro	ogram:		Master Economics	omics						
1	Modu MWP	ule No: VWL 28		State: Elective	Language of Instr	r uction: Germa	an or English				
2	Turn: seme	each ester		Duration: 1 semester	Semester: 1 or 2 or 3	CP: 6	Workload (I	1): 180			
	Modu	ule Structure	:								
	No	Туре	Co	ourse		State	Workload (h)			
3							Presence (h + CH)	Self- Study (h)			
	1	Seminar	Se	eminar Economics		Compulsory	30 h (2 CH)	150			
4	The E in-de depe the le D E P In M E B T C Q E The s	pth discussi nding on the earned metho ynamic mach nergy and re ublic finance ndustrial eco Aoney theory conometrics usiness coop ransport eco Quantitative e conomic pol tudents can	on c top odo roec sou anc anc anc pera non ecor icy cho	rce economics nics d politics d statistics ation	and problems of ec plication-related wi following topics ar	conomics, wh th the help of re covered reg	ich are exami current litera ularly:	ned ture and			
5	Acad The s meth tasks	od-guided. T	insi hey	ght into the selected a acquire in-depth kno flect and discuss wha		c topic, they o					

6		ription of possible electives the offered economic semin					
7	Exan	nination: Final Module Exam					
	Rele	vant Work:	I				1
8	No	Number and Type; Connecti	ion to Course Duration				Part of final mark in %
	1	Scientific paper with presen discussion	tation and	and max. of 20 pages and max. of 90 min.			100 %
9	Stud	y Work: none					
10	The o	equisites for Credit Points: credit points will be granted a pleted.	ifter all releva	nt wor	k and study	work have	e been successfully
	CP A	ssignment:					
11	Pres	sence (see part 3)	No 1		1.00 CP		
	Rele	evant Work (see part 8)	No 1		5.00 CP		
	Tota	al			6 CP		
12		sht of the module grade for th o (5%)	ne overall grad	de:			
13	Mod none	ule Prerequisites:					
14		ence: ence is strongly recommende	d to warrant l	earnin	g success.		
	Mob	ility/Acknowledgement:					
15	Use	of the module for other cour	se programs	Poli		lathemati	tration, Master Public cs, Master Physics, /
16		oonsible Lecturer: essor Dr. Johannes Becker			Departmen University o and Econor	of Münste	r, School of Business
17	Misc The r	 nodule will be either in Germ	an or in Englis	sh.			

Мо	dule Ti	tle english:		Specialization in Ec	pecialization in Economics 2								
Cou	urse Program: Master Economics												
1	Modu MWP	u le No: VWL 29		State: Elective	Language of Instr	an or English							
2	Turn: seme	each ester		Duration: 1 semester	Semester: 1 or 2 or 3	CP: 6	Workload (I	1): 180					
	Modu	ule Structure	:										
	No	Туре	Co	ourse		State Wo							
3							Presence (h + CH)	Self- Study (h)					
	1	Seminar	Se	eminar Economics		Compulsory	30 h (2 CH)	150					
4	The E in-de depe the la D E P In M E B T C C E The s	pth discussi nding on the earned methological optimic mac nergy and re public finance ndustrial eco Money theory conometrics usiness coo ransport eco Quantitative e conomic pol students can	on c top odo roec sou anc anc anc pera non ecor icy cho	rce economics nics d politics d statistics ation	and problems of ec plication-related wi following topics ar	conomics, wh th the help of e covered reg	ich are exami current litera ularly:	ned ture and					
	Acad	ning outcome emic: otudents get i											

6		ription of possible electives the offered economic semin								
7	Examination: Final Module Exam									
	Relev	vant Work:					I			
8	No Number and Type; Connection to Course Duration Part of final mark in %									
	1	Scientific paper with presen discussion	tation and		of 20 pages of 90 min.	and	100 %			
9	Stud	Study Work: none								
10	The o	equisites for Credit Points: credit points will be granted a pleted.	ifter all releva	nt wor	k and study	work have	e been successfully			
	CP A	ssignment:								
11	Pres	sence (see part 3)	No 1			1.00 CP				
	Rele	evant Work (see part 8)	No 1			5.00 CP				
	Tota	al				6 CP				
12		sht of the module grade for th o (5%)	ne overall grad	le:						
13	Mod none	ule Prerequisites:								
14		ence: ence is strongly recommende	d to warrant l	earnin	g success.					
	Mob	ility/Acknowledgement:								
15	Use	of the module for other cour	se programs	Poli		lathemati	tration, Master Public cs, Master Physics, /			
16		oonsible Lecturer: essor Dr. Johannes Becker		Department: University of Münster, School of Busine and Economics			r, School of Business			
17	Misc The r	.: nodule will be either in Germ	an or in Englis	sh.						

Module Title english: Specialization in Economics 3								
Cou	Course Program: Master Economics							
1	Modu MWP	ile No: VWL 30		State: Elective	Language of Instruction: German or English			
2	semester			Duration: 1 semester	Semester: 1 or 2 or 3	Workload (I	/orkload (h): 180	
	Modu	le Structure	:					
	No	Туре	Co	ourse		State	Workload (h	I)
3							Presence (h + CH)	Self- Study (h)
	1	Seminar	Se	eminar Economics		Compulsory	30 h (2 CH)	150
4	This r Cours The E in-de depe the le 0 E P Ir 0 E B 0 The B 0 C 0 E The s	module in the se content: conomic Cha pth discussion nding on the earned methor ynamic macro nergy and result ublic finance ndustrial economic finance ublic finance ndustrial economic finance conometrics usiness coop ransport economic puantitative e conomic poli tudents cano	e for irs irs on c top odol oec sou anc anc anc anc anc corra con cy cho	rce economics nics I politics I statistics ntion	fin-depth knowledg mber of seminars e and problems of ec plication-related wi following topics ar	ach semester conomics, wh th the help of e covered reg	r. Seminars se ich are exami current litera ularly:	erve the ined ature and
5	Acade The s meth tasks Soft s In the prepa	tudents get i od-guided. T and critically skills: e seminar, wo aration for the	nsi hey y re orki e M	ght into the selected acquire in-depth kno flect and discuss wha ng scientifically is fur aster's thesis. The pr communication skill	owledge of a specifi at they have learned ther learned and de esentation and disc	c topic, they o d. eepened and t	can work on c this is thus a	good

6		ription of possible electives the offered economic semination								
7	Examination: Final Module Exam									
	Rele	vant Work:					1			
8	No Number and Type; Connection to Course Duration Part of final mark in %									
	1	Scientific paper with presen discussion	tation and		of 20 pages of 90 min.	and	100 %			
9	Stud	Study Work: none								
10	The o	equisites for Credit Points: credit points will be granted a pleted.	ifter all releva	nt wor	k and study	work have	e been successfully			
	CP A	ssignment:								
11	Pres	sence (see part 3)	No 1			1.00 CP				
	Rele	evant Work (see part 8)	No 1			5.00 CP				
	Tota	al	6 CP							
12		sht of the module grade for th o (5%)	ne overall grad	le:						
13	Mod none	ule Prerequisites:								
14		ence: ence is strongly recommende	d to warrant l	earnin	g success.					
	Mob	ility/Acknowledgement:								
15	Use	of the module for other cour	se programs	Poli		lathemati	tration, Master Public cs, Master Physics, /			
16		oonsible Lecturer: essor Dr. Johannes Becker		Department: University of Münster, School of Busine and Economics			r, School of Business			
17	Misc The r	.: nodule will be either in Germ	an or in Englis	sh.						

Module Title english: Specialization in Economics 4								
Course Program: Master Economics								
1	Modu MWP	ile No: VWL 31	State: Compulsory	Language of Instruction: German or Engl			an or English	1
2	Turn: seme	each ester	Duration: 1 semester	Semester: 1 or 2 or 3		CP: 6	Workload (h): 180	
	Modu	Ile Structure:					<u> </u>	
	No	Туре	Course		Stat	te	Workload (h)
3							Presence (h + CH)	Self- Study (h)
	1 Seminar Seminar Economics Compulsory 30 h (2 CH) 150							
4	Cours The E in-de depe the le D E P Ir N E B Th S C Q E The S	se content: conomic Cha pth discussion nding on the earned methor ynamic macri nergy and resublic finance ndustrial econ loney theory conometrics usiness coop ransport econ quantitative e conomic poli tudents can o	source economics nomics and politics and statistics peration nomics conomic history	nber of seminars e and problems of ec lication-related wi following topics ar	each s conor th the re cov	semester mics, whi e help of vered reg	Seminars se ich are exami current litera ularly:	erve the ned ture and
5	Acade The s meth tasks Soft s In the prepa	tudents get in od-guided. Th and critically skills: e seminar, wo aration for the	s: nsight into the selected a hey acquire in-depth know y reflect and discuss wha orking scientifically is furt e Master's thesis. The pre- and communication skills	wledge of a specifi t they have learned her learned and de sentation and disc	ic top d. eeper	oic, they c ned and t	an work on c his is thus a	omplex

6		ription of possible electives the offered economic semination			iosen.						
7	Examination: Final Module Exam										
	Rele	vant Work:					l				
8	No	%									
	1	Scientific paper with presen discussion	tation and		of 20 pages of 90 min.	and	100 %				
9	Stud	Study Work: none									
10	The o	equisites for Credit Points: credit points will be granted a pleted.	ifter all releva	nt worl	c and study	work have	e been successfully				
	CP A	ssignment:									
11	Pres	sence (see part 3)	No 1			1.00 CP					
	Rele	evant Work (see part 8)	No 1			5.00 CP					
	Tota	al				6 CP					
12		sht of the module grade for th o (5%)	ne overall grad	le:							
13	Mod none	ule Prerequisites:									
14		ence: ence is strongly recommende	d to warrant l	earning	g success.						
	Mob	ility/Acknowledgement:									
15	Use	of the module for other cour	se programs	Poli		athemati	tration, Master Public cs, Master Physics, /				
16		oonsible Lecturer: essor Dr. Johannes Becker		Department: University of Münster, School of Busine and Economics			er, School of Business				
17	Misc The r	.: nodule will be either in Germ	an or in Englis	sh.							

Mod	lule Ti	tle english:		Specialization in Economics 5							
Cou	Course Program: Master Economics										
1	Modu MWP	ile No: VWL 32		State: Elective	Language of Instruction: German or English						
2	semester			Duration: 1 semester	Semester: 1 or 2 or 3		Workload (h): 180				
	Modu	Ile Structure:									
	No	Туре	Co	ourse		State	Workload (h)			
3							Presence (h + CH)	Self- Study (h)			
	Image: 1Seminar EconomicsCompulsory30 h (2 CH)150										
4	This r Cours The E in-de depe the le 0 E P Ir 0 E B 0 The B 0 C 0 E The s	module in the se content: conomic Cha pth discussion nding on the earned methor ynamic macr nergy and result ublic finance ndustrial econ loney theory conometrics usiness coop ransport econ yuantitative e conomic poli tudents can	e for irs on c top odol oec sou nom anc oera nom con cy cho	rce economics nics I politics I statistics ntion	fin-depth knowledg mber of seminars e and problems of ec plication-related wi following topics ar	each semester conomics, wh th the help of re covered reg	r. Seminars se ich are exami current litera rularly:	erve the ned ature and			
5	Acade The s meth tasks Soft s In the prepa	tudents get i od-guided. The and critically skills: e seminar, wo aration for the	nsig hey / re orkin e M	ght into the selected acquire in-depth kno flect and discuss wha ng scientifically is fur aster's thesis. The pr communication skills	owledge of a specifi at they have learned ther learned and de esentation and disc	ic topic, they o d. eepened and t	can work on c this is thus a	good			

6		ription of possible electives the offered economic semination								
7	Examination: Final Module Exam									
	Rele	Relevant Work:								
8	No	No Number and Type; Connection to Course Duration %								
	1	Scientific paper with presen discussion	tation and		of 20 pages of 90 min.	and	100 %			
9	Stud	Study Work: none								
10	The o	equisites for Credit Points: credit points will be granted a pleted.	ifter all releva	nt wor	k and study	work have	e been successfully			
	CP A	ssignment:								
11	Pres	sence (see part 3)	No 1			1.00 CP				
	Rele	evant Work (see part 8)	No 1			5.00 CP				
	Tota	al		6 CP						
12		sht of the module grade for th o (5%)	ne overall grad	de:						
13	Mod none	ule Prerequisites:								
14		ence: ence is strongly recommende	d to warrant l	earnin	g success.					
	Mob	ility/Acknowledgement:								
15	Use	of the module for other cour	se programs	Master Business Administration, Master P Policy, Master Mathematics, Master Physic Master Human Geography						
16		oonsible Lecturer: essor Dr. Johannes Becker		Department: University of Münster, School of Busine and Economics			r, School of Business			
17	Misc The r	.: nodule will be either in Germ	an or in Englis	sh.						

Mod	dule Tit	tle english:		Specialization in Economics 6							
Cou	Course Program: Master Economics										
1	Modu MWP	ile No: VWL 33		State: Elective	Language of Instruction: German or English						
2	Turn: seme	each ester		Duration: 1 semester	Semester: 1 or 2 or 3 CP: 6		Workload (h): 180				
	Modu	Ile Structure	:								
	No	Туре	Co	ourse		State	Workload (h)			
3							Presence (h + CH)	Self- Study (h)			
	1	Seminar	Se	eminar Economics		Compulsory	30 h (2 CH)	150			
4	Cours The E in-de depe the le D E P Ir N E B Tr Q E The s	se content: conomic Cha pth discussion nding on the earned metho ynamic macro nergy and result ublic finance ndustrial economic finance ublic finance ndustrial econometrics usiness coop ransport econo guantitative economic poli tudents can	airs top odo oec sou anc anc oera non cor cy cho	rce economics nics d politics d statistics ation	mber of seminars ea and problems of ec plication-related wit following topics are	ach semester onomics, wh h the help of e covered reg	r. Seminars so ich are exami current litera cularly:	erve the ned iture and			
5	Acade The s meth tasks Soft s In the prepa	tudents get i od-guided. T and criticall skills: se seminar, wo	nsig hey y re orki e M	ght into the selected acquire in-depth kno flect and discuss wha ng scientifically is fur aster's thesis. The pr	owledge of a specific at they have learned ther learned and de	topic, they o epened and [.]	can work on c	good			

6		ription of possible electives the offered economic semination								
7	Examination: Final Module Exam									
	Rele	Relevant Work:								
8	No	No Number and Type; Connection to Course Duration %								
	1	Scientific paper with presen discussion	tation and		of 20 pages of 90 min.	and	100 %			
9	Stud	Study Work: none								
10	The o	equisites for Credit Points: credit points will be granted a pleted.	fter all releva	nt wor	k and study	work have	e been successfully			
	CP A	ssignment:								
11	Pres	sence (see part 3)	No 1			1.00 CP				
	Rele	evant Work (see part 8)	No 1			5.00 CP				
	Tota	al	6 CP							
12		ght of the module grade for th o (5%)	ne overall grad	le:						
13	Mod none	ule Prerequisites:								
14		ence: ence is strongly recommende	d to warrant le	earnin	g success.					
	Mob	ility/Acknowledgement:								
15	Use	of the module for other cour	se programs	Poli		lathemati	tration, Master Public cs, Master Physics, /			
16		oonsible Lecturer: essor Dr. Johannes Becker		Department: University of Münster, School of Busine and Economics			r, School of Business			
17	Misc The r	 nodule will be either in Germ	an or in Englis	sh.						

Regional Economics

	dule Ti	tle english:		Regional Economics					
Course Program: Master Economics									
1	Mod MWF	ule No: VWL ⁹ 34		State: Elective	Language of Instruction: English			glish	
2		: each summ ester	ier	Duration: 1 semester	Semester: 1 0 3	r 2 or	CP: 6	Workloa	d (h): 180
	Mod	ule Structure	9:						
	No	Туре	Cours	5e		State		Workload (h	ı)
3								Presence (h + CH)	Self- Study (h)
	1 Lecture Regional Economics					Comp	ulsory	30 h (2 CH)	60
	2	Exercise	Tutor	ial Regional Economi	CS	Comp	ulsory	30 h (2 CH)	60
	econ Cour Econ	iomics. se content: iomic activity	/ has be	pirical methods. It is ecome more and more	e concentrated o	ed to o	ther co e last d	urses on pub ecades leadi	olic ng to
	econ Cour Econ rising fram whet	omics. se content: omic activity g economic of ework to ana ther the gove	y has be disparit alyse th ernment	pirical methods. It is	closely connect e concentrated o The module firs uences of spatia se regional dispa	ed to o over the t famili al inequarities a	ther co e last d arizes s uality. S and wh	ecades leadi students with Second, we ir ich instrume	olic ng to na nvestigate nts are
4	econ Cour Econ rising fram whet best	omics. se content: omic activity g economic of ework to ana ther the gove	y has be disparit alyse th ernment	pirical methods. It is ecome more and more ies between regions. e causes and consequest should mitigate thes	closely connect e concentrated o The module firs uences of spatia se regional dispa heory and emp	ed to o over the t famili al inequarities a	ther co e last d arizes s uality. S and wh	ecades leadi students with Second, we ir ich instrume	olic ng to na nvestigate nts are
4	econ Cour Econ rising fram whet best The Intro	omics. Se content: comic activity g economic of ework to ana ther the gove suited to do	y has be disparit alyse th ernment so. Thr	pirical methods. It is ecome more and more ies between regions. e causes and conseq should mitigate thes oughout the course, t	closely connect e concentrated of The module firs uences of spatia se regional dispa theory and emp r es familiar with so	ed to o over the t famili al inequ arities are irics are me fact	e last d arizes s uality. S and wh e close	ecades leadi students with Second, we ir ich instrume ly connected.	olic ng to n a nvestigate nts are onal
4	econ Cour Econ fram whet best The Intro Ecol Ben	nomics. Se content: nomic activity g economic of ework to ana- ther the gove suited to do mes oduction to F	/ has be disparit alyse th ernment so. Thr Regiona	pirical methods. It is ecome more and more ies between regions. e causes and conseque should mitigate thes oughout the course, to Learning objectiv l Student become	closely connect e concentrated of The module firs uences of spatia se regional dispa- theory and emp res familiar with so onomic activity at the spatial di nefits of agglom d input markets	ed to o over the t famili al inequarities arities are irics are me fact and a l istribut eration	e last d arizes s uality. S and wh e close ts regar basic th ion of e	ecades leadi students with Second, we in ich instrument by connected.	olic ng to n a nvestigate nts are onal ework. ivity illovers,
4	econ Cour Econ rising fram whet best The Intro Econ Ben Agg	rse content: comic activity g economic of ework to ana ther the gove suited to do mes oduction to F nomics efits and Cos	/ has be disparit alyse th ernment so. Thr Regiona	pirical methods. It is ecome more and more ies between regions. e causes and consequent should mitigate thes oughout the course, the l Student become distribution of ec Students learn the trades off the ber thicker labour an	closely connect e concentrated of The module firs uences of spatia e regional dispa- theory and emp res familiar with so onomic activity at the spatial di nefits of agglom d input markets e prices). erstand how loo l technological	ed to o over the t famili al inequarities arities are irics are me fact and a l istribut eration) with t	e last d arizes s uality. S and wh e closed ts regar basic th ion of e (e.g. k the cos	ecades leadi students with Second, we in ich instrument by connected. Trding the regi reconomic act nowledge sp ts (e.g. pollut kets are affect	olic ng to na ovestigate nts are onal ework. ivity illovers, ion, cted by

5	Acad Upor quar can e prog Soft The e polic proje	ning outcomes: lemic: n completion of the module, so tify the regional impacts of v evaluate important policy me rams within the EU). skills: close connection between the close connection between the close in the tutorial trains stud pendent research.	various economi asures (e.g. infr eory and empiri nendations. The	ic policies. Build rastructure inves cs enhances stu work on and pr	ing on tments dents' esenta	this knowledge, student s, regional redistribution ability to analyse complex tion of own empirical
6	Desc none	ription of possible electives	within the mod	ules:		
7	Exan	nination: Final Module Exam				
	Rele	vant Work:				
8	No	Number and Type; Connect	ion to Course	Duration		Part of final mark in %
	1	Final written exam		90 min.		100 %
9	Stud	y Work: none				
10	The o	equisites for Credit Points: credit points will be granted a pleted.	after all relevant	work and study	work ł	nave been successfully
	CP A	ssignment:				
	Drog	sence (see part 3)	No 1		1.00	СР
11		sence (see part 3)	No 2		1.00 CP	
	Rele	evant Work (see part 8)	No 1		4.00	СР
	Tota	al			6 CP	
12	-	ght of the module grade for tl o (5%)	he overall grade	2:		
13	Mod none	ule Prerequisites:				
14		ence: ence is highly recommended	to warrant learr	ning success.		
	Mob	ility/Acknowledgement:				
15	Use	of the module for other cour	rse programs			inistration, Master Human Geography

16	Responsible Lecturer: Professor Dr. Nadine Riedel	Department: University of Münster, School of Business and Economics
17	Misc.:	

Econometrics (PhD)

Мос	dule Ti	tle english:		Econometrics (PhD)					
Cou	Course Program: Master Economics								
1	Mod u MWP	ule No: VWL ' 35		State: Elective	Language of In	Language of Instruction: English			
2	Turn:	: irregularly		Duration: 1 semester	Semester: 1 or 3	2 Or	CP: 6	Workload	l (h): 180
	Modu	ule Structure	:						
	No	Туре	Cou	rse		State	9	Workload (h)
3								Presence (h + CH)	Self- Study (h)
	1	Lecture	Esti	mation Methods		Com	pulsory	30 h (2 CH)	60
	2	Exercise	Esti	mation Methods		Com	pulsory	30 h (2 CH)	60
4	Partic apply depe Pytho In M G B Learr	y them to var ndent data, on or R. Topio ntroduction t Maximum like MM; indirec cootstrapping	ious r efficie cs: o Pyth elihoo t infer g; qua	d estimation	odels, time series ata, etc.) in the e	s, spat exercis	tial data es and i	, qualitative mplement th	em in
5	Learning outcomes: Academic: Participants have command of econometrics in order to deal with research questions in their research area. They know the conditions for the application of individual approaches and are able to decide whether and which approaches are appropriate for answering a particular question. Soft skills: Clear thinking								
6	Desc none		ssible	electives within the r	nodules:				
7	Exam	nination: Exa	amina	tions for every part of	the module				
8	Relev	/ant Work:							

	No	Number and Type; Connect	ion to Course	Du	uration	Part of final mark in %		
	1	Take home exam		6	- 10 pages	60 %		
	2	Written exam		60	o min.	40 %		
9	Stud	y Work: none						
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.							
	CP A	ssignment:						
	Pres	sence (see part 3)	No 1		0.50	СР		
11	Pole	evant Work (see part 8)	No 1 3.0			СР		
		evant work (see part 8)	No 2		2.00	о СР		
	Tota	al	6 CP					
12		sht of the module grade for tl o (5%)	he overall grade	:				
13	Mod None	ule Prerequisites:						
14		ence: ence is strongly recommende	ed to warrant lea	arning s	uccess.			
	Mobility/Acknowledgement:							
15	Use of the module for other course programs Maste				ter Business Administration			
16	Responsible Lecturer: Prof. Dr. Mark Trede				Department: School of Business and Economics			
17	Misc	.:						

Introduction to Advanced Finance

Mod	dule Ti	tle english:		Introduction to Advanced Finance							
Cou	rse Pro	ogram:		Master Economics							
1	Modu	ule No: FCM	01	State: Elective	Language of Instruction: English						
2	Turn: each winter semester			Duration: 1 semester	Semester: 1 or 2 o 3	r CP: 6	Workload	(h): 180			
	Modu	Module Structure:									
	No	Туре	Cou	rse		State	Workload	(h)			
3					-			Self- Study (h)			
	1	Lecture	Intro	oduction to Advanced	Finance	Compulsory	30 h (2 CH)	60			
	2	Exercise	Tuto	rial on Introduction to	Advanced Finance	Compulsory	30 h (2 CH)	60			
4	Finar deep Cour In the inves conta inves multi finan supp	ice master p ened, so that se content: e module the stment topic ains, for example timent decis -factor asset ce part focu lemented by	rogran at all st e stude s, but a mple, t ions (p t pricir ses on	ne fundamental content n. The essential content tudents have a similar ents learn the main co also comprises fundar the investment environ portfolio theory), the re ag models (theoretical optimal capital struct orial which consists of	nts of the Bachelor level of knowledge ncepts in finance. T mentals of corporate ment, decision ma elation between risk derivations and em ure theory and valu	program are re for the follow he class main e finance. The king (utility the and return, a pirical tests). ation. The lec	efreshed an ring classes investment teory) and and single a The corpor- ture is	d • on t part nd ate			
5	English. Learning outcomes: Academic: The students become familiar with the main concepts in finance. In the investment part, the students gain knowledge about financial markets, in particular debt and equity. The students theoretically learn how to construct a portfolio and apply this knowledge in a case study. They also gain a fundamental understanding of the different asset pricing models and apply these models to evaluate portfolio performance. Both of these skills, portfolio construction and performance evaluation, are essential skills for students, who aim to pursue a career in an investment company. In the corporate finance part, students obtain a good understanding of the main determinants of capital structure decisions. They learn how to value a firm, using among other techniques the asset pricing models introduced in the investment part. This part of the class provides (some of) the relevant skills for students, who aim for a career in the finance department of an international corporation, consulting, or valuation (e.g., private equity). Students obtain a thorough understanding of the different topics in finance as preparation for										

	more advanced classes of the program. Therefore, they possess the ability to connect the different fields of finance with each other. Furthermore, students can associate current problems with the relevant context and analyze them in a structured manner. They are able to explain and apply compiled knowledge from academic papers. They are familiar with the mathematical (e.g. optimization under constraints) and statistical (e.g. OLS regression) tools which are frequently used. Soft skills: The students complete case studies in small teams, which are presented to the class. In this process, they practice their team-working skills, academic writing skills, and presentation skills.							
6	Desc none	ription of possible electives	within the mo	dules:				
7	Exan	nination: Examinations for ev	very part of the	module				
	Rele	vant Work:		1				
	No	Number and Type; Connecti	on to Course	Duration		Part of final mark in %		
8	1	Final written exam		120 min.		80 %		
	2	Case studies including pres	entation	2 x 10 - 15 pages approx. 10 Min.	&	20 %		
9	Stud	y Work: none						
10	The o	equisites for Credit Points: credit points will be granted a pleted.	fter all relevar	it work and study v	work have	e been successfully		
	CP Assignment:							
	Drog	sence (see part 3)	No 1	1.0		СР		
11		sence (see part 3)	No 2		1.00 CP			
	Rele	evant Work (see part 8)	No 1		3.00 CP			
			No 2		1.00 CP			
	Tota	al			6 CP			
12		th of the module grade for th o (5%)	ie overall grad	e:				
13	Module Prerequisites: Students are required to have a basic knowledge about financial topics as provided in the Bachelor Finance courses at the University of Muenster or in the textbook "Principles of Corporate Finance", 9th Edition, by Brealey, Myers and Allen.							
14		ence: ence is strongly recommende	d to warrant le	earning success.				
15	Mob	ility/Acknowledgement:						

	Use of the module for other course programs		Business Administration, Master ation Systems, Master Mathematics, Physics
16	Responsible Lecturer: Prof. Nadja Guenster		Department: School of Business and Economics
17	Misc.:		

Behavioral Finance

1410	dule Ti	tle english:	Beł	navioral Finance						
C οι	irse Pro	ogram:	Ma	ster Economics	Economics					
1	Modu	ule No: FCM	02 Sta	te: Elective	Language of Ir	Language of Instruction: English				
2	Turn: each winter semesterDuratio semester				Semester: 1 or 3	2 or	CP: 6	Workload	d (h): 180	
	Module Structure:									
	No Type Course					State	2	Workload (h	1)	
3								Presence (h + CH)	Self- Study (h)	
	1	Lecture	Behavior	al Finance		Com	oulsory	30 h (2 CH)	60	
	2	Exercise	Tutorial c	on Behavioral Fin	ance	Com	oulsory	30 h (2 CH)	60	
	finan incor error: expla	ce aims to e porating bel s in individu ained. Afterv	explain and havioral ins al decision vards, the c	uction to the moc predict financial ights on individu making will be p onsequences of f rted by empirical	decision making al judgment and presented and fre the biases and h	g and f d decis equent ieuristi	inancia ion mal ly used cs will	l market data king. First, sys heuristics wi be discussed	by stematic ll be in a	
4	finan incor error: expla finan impli relev consi ("Ver visiti	ce aims to e porating bel s in individu ained. Afterv cial context cations for f ance of beh iderations w tiefungssen ng research	explain and havioral ins ial decision vards, the c and suppo inancial ma avioral find rill be discu ninar"), whi	predict financial ights on individu making will be p onsequences of f rted by empirical arkets (esp. secur ings in the conte ssed. The lecture ch comprises exe as practitioners.	decision making al judgment and presented and fre the biases and h and experiment rity prices and tu xt of the market e will be supporte ercise sessions, This module will	g and f d decis equent tal rese irnover efficier ed by a case s	inancia ion mal ly used cs will l earch fir) will be ncy hyp a semin tudies a	l market data king. First, sys heuristics wi be discussed ndings. Finall e considered othesis and a ar and lectures f	by stematic ll be in a y, the and the arbitrage	
4	finan incor error: expla finan impli relev consi ("Ver visiti	ce aims to e porating bel s in individu ained. Afterv cial context cations for f ance of beh iderations w tiefungssen ng researche	explain and havioral ins lal decision vards, the c and suppo inancial ma avioral find vill be discu ninar"), whi ers as well a	predict financial ights on individu making will be p onsequences of rted by empirical arkets (esp. secur ings in the conte ssed. The lecture ch comprises exe as practitioners.	decision making al judgment and presented and free the biases and h and experiment rity prices and tu xt of the market e will be supporte ercise sessions, This module will bjectives	g and f d decis equent neuristical rese irnovel efficien ed by a case s be tau	inancia ion mal ly used cs will l earch fir) will be ncy hyp a semin tudies a light in E	l market data king. First, sy heuristics wi be discussed ndings. Finall considered othesis and a ar and lectures f English.	by stematic ll be in a y, the and the arbitrage	
4	finan incor error: expla finan impli relev cons ("Ver visiti	ce aims to e porating bel s in individu ained. Afterv cial context cations for f ance of beh iderations w tiefungssen ng research	explain and havioral ins lal decision vards, the c and suppo financial ma avioral find rill be discu ninar"), whi ers as well a	predict financial ights on individu making will be p onsequences of rted by empirical arkets (esp. secur ings in the conte ssed. The lecture ch comprises exe as practitioners.	decision making al judgment and presented and fre the biases and h and experiment rity prices and tu xt of the market e will be supporte ercise sessions, This module will	g and f d decis equent neuristi cal rese irnover efficien ed by a case s be tau pective	inancia ion mal ly used cs will l earch fir) will be ncy hyp a semin tudies a ight in E	l market data king. First, sy heuristics wi be discussed ndings. Finall e considered othesis and a ar and lectures f English.	by stematic ll be in a y, the and the arbitrage from	
4	finan incor error: expla finan impli relev consi ("Ver visiti Thei Moti Beh Syst	ce aims to e porating bel s in individu ained. Afterv cial context cations for f ance of beh iderations w tiefungssen ng researche mes	explain and havioral ins ial decision vards, the c and suppo inancial ma avioral find rill be discu ninar"), whi ers as well a fc concepts nce	predict financial ights on individu making will be p onsequences of f rted by empirical arkets (esp. secur ings in the conte ssed. The lecture ch comprises exe as practitioners. Learning ot of To understa be able to e ual To learn ab	decision making al judgment and presented and free the biases and h and experiment rity prices and tu xt of the market e will be supporte ercise sessions, This module will bjectives	g and f d decis equent neuristical rese trinover efficier ed by a case s be tau pective light c	inancia ion mal ly used cs will l earch fir) will be ncy hyp a semin tudies a ight in E e of beh of the tra	l market data king. First, sy heuristics wi be discussed ndings. Finall e considered othesis and a ar and lectures f English.	by stematic ll be in a y, the and the arbitrage from ce and to roaches	
4	finan incor error: expla finan impli relev consi ("Ver visiti Thei Moti Beh Syst deci	ce aims to e porating bel s in individu ained. Afterv cial context cations for f ance of beh iderations w tiefungssen ng research mes ivation/Basi avioral Finar	explain and havioral ins ial decision vards, the c and suppo inancial ma avioral find rill be discu ninar"), whi ers as well a fc concepts nce	predict financial ights on individu making will be p onsequences of f rted by empirical arkets (esp. secur ings in the contex ssed. The lecture ch comprises exe as practitioners. Learning ot of To understa be able to e ual To learn able and decision	decision making al judgment and presented and fre- the biases and h and experiment rity prices and tu xt of the market e will be supporte ercise sessions, This module will bjectives and the key persi- evaluate it in the out systematic d on making by ind and the consequ aking for investo	g and f d decis equent eeuristical rese irnovel efficiel ed by a case s be tau pective light c leviatic ences	inancia ion mal ly used cs will le arch fir) will be ncy hyp a semin tudies a ght in E e of beh of the tra ons from ls.	l market data king. First, sy heuristics wi be discussed ndings. Finall considered othesis and a and lectures f English.	by stematic ll be in a y, the and the arbitrage from ce and to roaches gment in	
4	finan incor error: expla finan impli relev cons ("Ver visiti Moti Beh: Syst deci Inve	ce aims to e porating bel s in individu ained. Afterv cial context cations for f ance of beh iderations w tiefungssen ng research mes ivation/Basi avioral Finar stor behavio	explain and havioral ins lal decision vards, the c and suppo inancial ma avioral find vill be discu ninar"), whi ers as well a fc concepts nce rs in individ g	predict financial ights on individu making will be p onsequences of rted by empirical arkets (esp. secur ings in the contex ssed. The lecture ch comprises exe as practitioners.	decision making al judgment and presented and fre- the biases and h and experiment rity prices and tu xt of the market e will be supporte ercise sessions, This module will bjectives and the key persi- evaluate it in the out systematic d on making by ind and the consequ aking for investo	g and f d decis equent neuristical rese armovel efficiel ed by a case s be tau pective light c leviatio ences ors, e.g	inancia ion mal ly used cs will le arch fir) will be ncy hyp a semin tudies a ght in E e of beh of the tra ons from ls. of syste . with re	l market data king. First, sy heuristics wi be discussed ndings. Finall e considered othesis and a ar and lectures f English.	by stematic ll be in a y, the and the arbitrage from ce and to roaches gment in rement	

5	Learning outcomes: Academic: The students will attain a modern view on financial markets, where not only perfectly rational decision makers (homo oeconomicus) act, but also real decision makers with all their flaws and weaknesses. The students become equipped to apply this perspective (behavioral economics) to many other fields, for example to discuss the effectiveness of incentive schemes or the design of contracts and products. By discussing current studies as well as the implementation of small experiments in the lecture and exercise sessions, the students will achieve strong skills of advanced research methodology. Soft skills: The self-preparation of the students for the lecture facilitates the ability of the students to manage themselves and their time in a more effective and efficient way. The analysis of complex financial problems helps them to solve problems in a structured way. The interactive character of the lectures and tutorials strengthens the student's discussion skills in the academic context. By the incorporation of literature from psychology, students are exposed to an interdisciplinary approach and learn to look at class content from different perspectives. As lecture and tutorial are taught in English, the students' 'Business English' is improved.							
6	Desc none	ription of possible electives	within the modules	:				
7	Exam	ination: Final Module Exam						
8	Relev No	vant Work: Number and Type; Connecti	ion to Course	Duration		Part of final mark in %		
	1 Final written exam			120 min.		100 %		
9	Study	y Work: none						
10	The c	equisites for Credit Points: redit points will be granted a pleted.	ifter all relevant wor	k and study	work h	ave been successfully		
	CP As	ssignment:						
	Broc	ence (see part 3)	No 1		1.00	СР		
11	-	ence (see part 3)	No 2		1.00 CP			
	Rele	vant Work (see part 8)	No 1		4.00 CP			
	Tota	l		6 CP				
12	-	ht of the module grade for th c (5%)	ne overall grade:					
13	Modu none	ıle Prerequisites:						
14	Prese Prese	ence: ence is recommended to war	rant learning succes	55.				

	Mobility/Acknowledgement:						
15	Use of the module for other course programs		r Business Administration, Master matics, Master Physics				
16	Responsible Lecturer: Prof. Dr. Thomas Langer		Department: School of Business and Economics				
17	Misc.:						

Derivatives I

	dule Ti	tle english:		Derivatives I					
Cou	rse Pr	ogram:		Master Economics					
1	Mod	ule No: FCM	03	State: Elective	Language of Ir	age of Instruction: English			
2	Turn seme	: each winte ester	r	Duration: 1 semester	Semester: 1 or 3	2 Or	CP: 6	Workload	d (h): 180
	Mod	ule Structure	e:						
	No	No Type Cou		rse		State		Workload (h	1)
3								Presence (h + CH)	Self- Study (h)
	1	Lecture	Deri	vatives l		Com	oulsory	30 h (2 CH)	60
	2	Exercise	Tuto	orial on Derivatives I		Comp	oulsory	30 h (2 CH)	60
 Course content: Within the scope of the class "Derivatives I" the students will be taught the basics of phedging contingent claims. The main focus is on equity derivatives, where we discuss vanilla products and more exotic derivatives. With regard to contents, the emphasis is discrete-time binomial model and the continuous-time model of Black-Scholes. Beside pricing, this course also deals with the hedging of derivatives. Furthermore, we introdue smile observed at the market and discuss possible explanations. The lecture is suppled a tutorial, which may consist of exercises and case studies, talks of visiting researcher practitioners as well as thorough discussions of main contributions from the literature 									
4	With hedg vanil discr pricit smile a tut pract	in the scope ging continge la products rete-time bin ng, this cour e observed a orial, which	of the ent cla and m omial se also t the n may co well as	class "Derivatives I" ims. The main focus is ore exotic derivatives. model and the contin o deals with the hedgi narket and discuss po onsist of exercises and	s on equity deriv With regard to o uous-time mode ng of derivatives ssible explanati d case studies, t	atives, conten I of Bla s. Furth ons. Th alks of	where	we discuss b mphasis is o oles. Besides , we introduc re is supplen researchers	oth plain- on the s the e the nented by and
5	With hedg vanil discr pricit smile a tut pract will t Learn Acad Upor the s trans deriv mod parti expe deriv Soft	in the scope ging continge la products rete-time bin ng, this cour e observed a orial, which titioners as v be held in En ning outcom lemic: n completion standard opt sfer his or he vatives pricin els. Furtherm cular the bas	of the ent cla and m omial se also it the n may co well as glish. res: n of the ion pri er known g and nore, th sic cor plemen ally.	class "Derivatives I" ims. The main focus is ore exotic derivatives. model and the contin o deals with the hedgi narket and discuss po onsist of exercises and	the students will s on equity deriv With regard to o uous-time mode ng of derivatives ssible explanati d case studies, t s of main contrib te and continuou ves. The student bility to deal with mathematical to alculus, and the	atives, conten l of Bla s. Furth ons. Th alks of outions us time t is fam h more pols fre studer	where we ts, the end ack-Schue rene lectue visiting from the sto price , and has iliar wite complet quently t has al	we discuss b emphasis is o oles. Besides , we introduc re is supplen researchers ie literature. <i>A</i> e equity derivation as the compe- th the main c ex option price used in this iso gained so	oth plain- on the sthe the the nented by and All classes vatives in etence to oncepts of cing area, in me first
	With hedg vanil discr pricit smile a tut pract will t Learn Acad Upor the s trans deriv mod parti expe deriv Soft Inde	in the scope ging continge ila products rete-time bin ng, this cour e observed a orial, which titioners as v be held in En ning outcom lemic: n completion standard opt sfer his or he vatives pricin els. Furthern cular the bas rience in imp vatives critica skills: pendent stue	of the ent cla and m iomial se also to the n may co vell as glish. res: n of the ion pri er know ng and nore, tl sic cor plemen ally. dy	class "Derivatives I" i ims. The main focus is ore exotic derivatives. model and the contin o deals with the hedgi narket and discuss po onsist of exercises and thorough discussions e course the student k cing models in discret vledge to new derivati thus possesses the a he student knows the acepts of stochastic ca	the students will s on equity derive With regard to o uous-time mode ng of derivatives ssible explanati d case studies, t s of main contrib nows the relevan te and continuou ves. The student bility to deal with mathematical to alculus, and the ne student is abl	atives, conten l of Bla s. Furth ons. Th alks of outions us time t is fam h more pols fre studer	where we ts, the end ack-Schue rene lectue visiting from the sto price , and has iliar wite complet quently t has al	we discuss b emphasis is o oles. Besides , we introduc re is supplen researchers ie literature. <i>A</i> e equity derivation as the compe- th the main c ex option price used in this iso gained so	oth plain- on the sthe the the nented by and All classes vatives in etence to oncepts of cing area, in me first

	Rele	vant Work:						
8	No	Number and Type; Connect	tion to Course	Dı	uration	Part of final mark in %		
	1	Final written exam		12	o min.	100 %		
9	Study Work: none							
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.							
	CP A	ssignment:						
	Dree	conce (coc nort e)	No 1		1.00	CP		
11	Pres	sence (see part 3)	No 2	No 2		CP		
	Rele	evant Work (see part 8)	No 1		4.00	СР		
	Total				6 CP			
12		sht of the module grade for t o (5%)	he overall grad	e:				
13	Mod none	ule Prerequisites:						
14		ence: ence is strongly recommende	ed to warrant le	arning s	uccess.			
	Mobility/Acknowledgement:							
15	Use	of the module for other cou	rse programs	Inform	ster Business Administration, Master rmation Systems, Master Mathematics, ster Physics			
16	Responsible Lecturer: Prof. Dr. Nicole Branger				Department: School of Business and Economics			
17	Misc.:							

Financial Intermediation I Module Title english: **Master Economics Course Program:** Module No: FCM 04 State: Elective Language of Instruction: English 1 Semester: 1 or 2 or Turn: each summer Duration: 1 **CP:** 6 Workload (h): 180 2 semester semester 3 **Module Structure:** State Course Workload (h) No Type Self-Presence 3 Study (h + CH)(h) Lecture Financial Intermediation I Compulsory 30 h (2 CH) 60 1 2 Exercise Tutorial Financial Intermediation I Compulsory 30 h (2 CH) 60 **Module Profile:** Purpose of the module/integration into curriculum: The financial services sector is a sector of paramount importance concerning the stability of the economy. During the last years, the relevance of financial intermediation has risen continuously. A couple of components have changed in order to guarantee an optimal supply of financial services. The course provides students with knowledge about banking systems and explanations for the existence of banks. They learn about practical implications arising from different theoretical models concerning e.g. loans, deposits and securitization. **Course content:** The course starts with a short characterization of the banking system. Model based considerations concerning the existence of banks lead to the analysis of important divisions of banks like credit business, deposit banking, and securitization. The course is completed by an additional tutorial, which consists e.g. of case studies and presentations given by visiting scientists and experts. The primary purpose of this course is to provide students with a profound knowledge of informational and institutional economics. They learn about the role banks play in 4 imperfectly competitive financial markets and they are able to explain essential financial basics model based. Their competence in solving problems is revealed by their skill to theoretically illustrate reasons for phenomena occurring in reality. Learning objectives Themes Basics To learn basics about e.g. the most important transfer activities of banks and the German banking system Theoretical basics To understand the role of banks in financial intermediation as an and existence of explanation for their existence banks To analyze different theoretical models like e.g. Stiglitz/Weiss and get Loan additional practical and empirical knowledge about loans and collaterals.

Financial Intermediation I

	Students also learn fundamental impacts of asset-backed-securities transactions and are able to evaluate them.						backed-securities	
	Depo	osits	To understar insurance ar		savings conc	erning	g bank runs, deposit	
5	Learning outcomes: Academic: The students have a solid knowledge of information and institutional economics. They are able to explain analytically by a model the role of banks in (imperfect) capital markets. The students know the main banking activities and they can explain the effect of important contract features model-based. They acquire the ability to competently participate in societal and scientific discussions on the German banking system as well as the various business models of banks. They can critically reflect on the (potential) advantages of financial intermediaries in theoretical and practical terms. Furthermore, they are able to take a well-founded position on the subject of deposit insurance and bank runs and apply this to the current discussion regarding the regulation of the banking industry. Their particular problem-solving-competence is demonstrated by the fact that they can explain theoretically phenomena that are observed in practice. As a result, they are able to capture and reflect on the social impact of the existence and different business models of financial intermediaries.							
6	Desci none	iption of possi	ble electives	within the modules	:			
7	Exam	ination: Final I	Module Exam					
	Relevant Work:							
8	No	Number and Ty		on to Course	Duration		Part of final mark in %	
	1	Final written ex	xam		120 min.		100 %	
9	Study	/ Work: none						
10	The c	quisites for Cre redit points wil leted.		fter all relevant wor	k and study	work h	ave been successfully	
	CP As	signment:						
	Dros	ence (see part ;	2)	No 1		1.00	СР	
11	1105	ence (see part	3)	No 2		1.00	СР	
	Rele	Relevant Work (see part 8)		No 1		4.00 CP		
	Tota	l				6 CP		
12	_	ht of the modul	le grade for th	e overall grade:				
13	Modu none	lle Prerequisite	S:					
14	Presence: Presence is strongly recommended to warrant learning success.							
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Mobility/Acknowledgement:								
15	Use of the module for other course programs	ourse programs Master Business Administration, Master Information Systems, Master Mathematics, Master Physics						
16	Responsible Lecturer: Prof. Dr. Andreas Pfingsten		Department: School of Business and Economics					
17	Misc.:							

Advanced Corporate Finance Module Title english: **Master Economics Course Program:** Module No: FCM 05 State: Elective Language of Instruction: English 1 Semester: 1 or 2 or Turn: each summer Duration: 1 **CP:** 6 Workload (h): 180 2 semester semester 3 **Module Structure:** State Course Workload (h) No Туре Self-Presence 3 Study (h + CH)(h) Lecture Advanced Corporate Finance Compulsory 30 h (2 CH) 60 1 2 Exercise Tutorial on Advanced Corporate Finance Compulsory 30 h (2 CH) 60 **Module Profile:** Purpose of the module/integration into curriculum: The lecture discusses an array of important aspects of corporate financing decisions. Based on the examination of fundamental financing decisions in perfect markets, which have been covered in the module "Introduction to Finance", this course analyzes the effects of different forms of market imperfection. Especially problems of asymmetric information and the closely related incentive and signalling mechanisms are at the center of attention. In addition, and on the grounds of the module "Behavioral Finance" the assumption of perfectly rational agents is relaxed and implications for financing decisions of corporations are discussed (Behavioral Corporate Finance). The consequences are illustrated by focusing on several important areas of application (dividend policy, management incentives and corporate governance, etc.). The lecture is accompanied by a practitioner's seminar that trains the interdisciplinary transfer of knowledge by a combination of case studies, guest lectures and discussions of recent academic literature. **Course content:** The primary purpose of the course is to develop a deeper understanding of the various factors 4 that influence corporate financing decisions. The students are enabled to assess business scenarios by identifying common problems and finding appropriate financing solutions. They are shown how to attain the central goal in corporate finance, minimizing the cost of capital while safeguarding liquidity, even when market imperfections and behavioural obstacles are present. Learning objectives Themes To learn why the classic objective in corporate finance needs to be Introduction to **Corporate Finance** modified due to associated agency costs to meet the characteristics of a good objective function. Long-Term To understand how information about the term structure is related to the prices of corporate bonds and how interest rate risk can be eliminated by Financing portfolio immunization.

Advanced Corporate Finance

			1				
		rt-Term ncing		e the contribution l success in corpo	-	-	and credit management ning.
incentive systems realize how managerial incent			agent background of dividend decisions and tives must be set in order to realign the reholders according to signalling theory.				
	Mergers and AcquisitionsTo distinguish different methods for pricing acquisition targets and to indentify an appropriate target corridor depending on the acquirer's strategic aims.						
5	Acad Stude decis patte discu (emp). Soft s The s mana finan the le	ents understand sions. They have t erns to areas that issed in class pro- irical tests of con skills: self-preparation o age themselves a cial problems he ectures and tutori	the competen go beyond th ovides studen npeting hypot f the students nd their time lps them to so ials strengthe	ce to transfer the e lecture example ts with strong con heses and explan s for the lecture fa in a more effective olve problems in a	fundamental s. The multitu petence in a ations, interp cilitates the a e and efficient structured w liscussion sk	interd ude of idvanc pretati ability nt way. th way. Th ills in	ns on corporate financing lependencies and action current research studies ed research methodology. on of empirical results, of the students to The analysis of complex he interactive character of the academic context. As of is improved.
				ithin the modules			· · · · · · · · · · · · · · · · · · ·
6	none	• •			•		
7	Exam	iination: Final Mo	odule Exam				
	Relev	vant Work:					
8	No	Number and Typ	oe; Connectio	n to Course	Duration		Part of final mark in %
	1	Final written exa	ım		120 min.		100 %
9	Study	y Work: none					
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.						
	CP As	ssignment:					
				No 1		1.00 CP	
11	Pres	ence (see part 3)	1	No 2		1.00 CP	
	Rele	vant Work (see p	art 8)	lo 1		4.00	СР
	Tota					6 CP	
	L						

13	Module Prerequisites: Prerequisite is the module "Introduction to Finance".				
14	Presence: Presence is strongly recommended to warrant learning success.				
	Mobility/Acknowledgement:				
15	Use of the module for other course programs		Business Administration, Master ation Systems		
16	Responsible Lecturer: Prof. Dr. Christoph Schneider		Department: School of Business and Economics		
17	Misc.:				

Corporate Governance and Responsible Business Practices Module Title english: **Master Economics Course Program:** Module No: FCM 06 State: Elective Language of Instruction: English 1 Turn: each summer **Duration:** 1 Semester: 1 or 2 or **CP:** 6 Workload (h): 180 2 semester semester 3 **Module Structure:** Туре Course State Workload (h) No Self-Presence Study (h + CH)3 (h) 60 Lecture Corporate Governance and Responsible Compulsory 30 h (2 1 **Business Practices** CH) Corporate Governance and Responsible 60 2 Exercise Compulsory 30 h (2 **Business Practices** CH) **Module Profile: Course content:** The class "Corporate Governance and Responsible Business Practices" focuses on the relationships between a company's owners, its management, its board, and other stakeholders. Special emphasis is put on agency problems that arise from the separation of ownership and control, particularly in large companies with diffuse ownership. One way to address these agency problems is through the installment of boards of directors. The course outlines the functions of the board, gives an overview of board structures and compositions in different countries, and provides an in-depth assessment how different board characteristics relate to performance. 4 Another way to deal with agency problems is managerial incentives and compensation packages. The class discusses different types of incentives and their advantages and disadvantages. Next to these internal governance mechanisms we also discuss external governance mechanisms, for example, shareholder activism, anti-takeover provisions, or governance codes. Although the focus is on the shareholder-oriented model, one that is today best exemplified by the large Anglo-American public firm, considerable attention is given to institutional differences in international corporate governance. The class further pays special attention to the interplay between corporations and their diverse stakeholders (e.g., employees, owners, creditors, environment, local community) and how stakeholder relations are associated with shareholder value. Learning outcomes: Academic: After completing this module successfully, students have a comprehensive overview of the myriad of issues, both theoretical and practical, arising out of the current debate on creating effective corporate governance and stakeholder relations. There are five key objectives: 5 (1) Students acquire a comprehensive understanding of the problems of agency relations and corporate governance in the modern corporation. (2) Students learn how key governance mechanisms (internal and external) affect shareholder value.

Corporate Governance and Responsible Business Practices

	 (3) Students gain a general appreciation of institutional differences in corporate governance and different codes of best practice. (4) Students obtain a good understanding of how to critically analyze corporate governance in a specific company. (5) Students can critically evaluate the importance of responsible business practices and stakeholder relations. Soft skills: The students complete case studies and other assignments in small teams, which will also be presented. In this process, they practice their teamwork, academic writing and presentation skills. Given the interactive nature of the tutorial, the students train their communication skills. They learn to summarize and critically evaluate findings of academic articles. 					
6	Desc none	ription of possible electives	within the modules	:		
7	Exam	nination: Examinations for ev	very part of the mod	ule		
	Relev	vant Work:				
	No	Number and Type; Connect	ion to Course	Duration		Part of final mark in %
8	1	Final written exam		120 min.		70 %
	2	Case studies, assignments,	or presentations	45 min.		30 %
9	Stud	y Work: none				
10	The c	equisites for Credit Points: credit points will be granted a pleted.	after all relevant woi	k and study	work h	ave been successfully
	CP As	ssignment:				
	Deres		No 1		1.00 CP	
11	Pres	sence (see part 3)	No 2		1.00 CP	
	Dala		No 1		3.00 CP	
	Rele	evant Work (see part 8)	No 2		1.00 CP	
	Tota	ıl			6 CP	
12	Weight of the module grade for the overall grade: 6/120 (5%)					
13	Module Prerequisites: We recommend basic knowledge in the following topics to students wishing to take the course "Corporate Governance and Responsible Business Practices": 1. Finance (e.g., acquired from the course "Introduction to Advanced Finance"), particularly asset pricing models, corporate finance 2. Empirical methods (e.g., acquired from the courses "Empirical Lab I/II"), particularly regression analysis					
14		ence: ence is highly recommended	to warrant learning	success.		

	Mobility/Acknowledgement:		
15	Use of the module for other course programs	e Master Business Administration, Master Informa Systems	
16	Responsible Lecturer: Prof. Nadja Guenster		Department: School of Business and Economics
17	Misc.:		

Asset Pricing

Module Title english:				Asset Pricing					
Cou	Course Program:		Master Economics						
1 Module No: FCM 07			07	State: Elective Language of Instruction: English					
2	Turn: each summer semester		Duration: 1 semester	Semester: 1 01	r 2 or	CP: 6	Workload	d (h): 180	
	Mod	ule Structure	:				-		
	No	Туре	Cour	se		State		Workload (h	ı)
3								Presence (h + CH)	Self- Study (h)
	1	Lecture	Asse	t Pricing		Comp	ulsory	30 h (2 CH)	60
	2	Exercise	Tuto	rial Asset Pricing		Comp	ulsory	30 h (2 CH)	60
4	knowledge from the lecture "Introduction of Advanced Finance". Course content: The class provides students with a deeper understanding of the valuation of financial assets. The first part deals with consumption based asset pricing models. We discuss the main puzzles and their solutions in theory. The second part of the class covers predictability of stock returns over time and cross-sectional asset pricing, with a special focus on factor models like the Fama-French three-factor model. The last part deals with the valuation of bonds and currencies and corresponding trading strategies, e.g. the carry trade. The lecture is supplemented by a tutorial, which may consist of exercises and case studies, talks of visiting researchers and practitioners as well as thorough discussions of main contributions from the literature.								
	time three corre whic	and cross-se e-factor mode esponding tra h may consis	theory ectiona el. The ading s st of ex	. The second part of th l asset pricing, with a last part deals with th trategies, e.g. the carr ercises and case stud	pricing models ne class covers special focus o e valuation of b y trade. The lec ies, talks of visi	. We d predict n facto onds a ture is ting re	iscuss t ability r mode nd curr supple searche	the main puzz of stock retur ls like the Far rencies and mented by a	zles and ns over ma-French tutorial,
5	time three corre whic well Learn Acad Upor can e reflee mode inde and e Soft	and cross-se e-factor mode sponding tra h may consis as thorough ning outcome lemic: n completion explain the m ct stylized fac el implement	theory ectiona el. The ading s st of ex discus es: of the nain pu cts and tation a ansfer t ling str	. The second part of th l asset pricing, with a last part deals with th trategies, e.g. the carr ercises and case stud sions of main contribu course the student kr zzles and most promi asset pricing anomal and in empirical studi the findings for stocks	pricing models be class covers special focus o e valuation of b y trade. The lec- ies, talks of visi utions from the nows the basic a nent factor mod lies. The student	. We dipredict n facto onds a ture is ting re- literatu	iscuss t ability r mode nd curr supple searche re. ricing m e stude rst han e comp	the main puzz of stock retur ls like the Far rencies and mented by a ers and praction ds-on experie etence to	zles and ms over ma-French tutorial, itioners as tudent critically ence in
5	time three corre whic well Learn Acad Upor can e reflee mode inde and o Soft Inde	and cross-see e-factor mode esponding tra h may consist as thorough ning outcome emic: n completion explain the m ct stylized face el implement pendently tra evaluate trad skills: pendent stuc	theory ectiona el. The ading s at of ex discus es: of the nain pu cts and tation a ansfer t ling str	. The second part of th l asset pricing, with a last part deals with th trategies, e.g. the carr ercises and case stud sions of main contribu course the student kr zzles and most promi asset pricing anomal and in empirical studi the findings for stocks	pricing models the class covers special focus o e valuation of b y trade. The lec- ies, talks of visi ations from the nows the basic a nent factor mod lies. The student to other asset o	. We dipredict n facto onds a ture is ting re- literatu	iscuss t ability r mode nd curr supple searche re. ricing m e stude rst han e comp	the main puzz of stock retur ls like the Far rencies and mented by a ers and praction ds-on experie etence to	zles and ms over ma-French tutorial, itioners as tudent critically ence in
	time three corre whic well Learn Acad Upor can e reflee mode inde and e Soft Inde	and cross-see e-factor mode esponding tra h may consist as thorough ning outcome emic: n completion explain the m ct stylized face el implement pendently tra evaluate trad skills: pendent stuc	theory ectiona el. The ading s st of ex discus es: of the nain pu cts and tation a ansfer f ling str dy ssible	. The second part of the lasset pricing, with a last part deals with the trategies, e.g. the carrier ercises and case stud sions of main contributed and in empirical studies and in empirical studies at egies.	pricing models the class covers special focus o e valuation of b y trade. The lec- ies, talks of visi ations from the nows the basic a nent factor mod lies. The student to other asset o	. We dipredict n facto onds a ture is ting re- literatu	iscuss t ability r mode nd curr supple searche re. ricing m e stude rst han e comp	the main puzz of stock retur ls like the Far rencies and mented by a ers and praction ds-on experie etence to	zles and ms over ma-French tutorial, itioners as tudent critically ence in

	No	Number and Type; Connect	ion to Course	Di	uration	Part of final mark in %	
	1 Final written exam			12	o min.	100 %	
9	Stud	y Work: none					
10	Prerequisites for Credit Points: The credit points will be granted after all relevant work and study work have been successfully completed.						
	CP A	ssignment:					
	Drov	sence (see part 3)	No 1		1.00	CP	
11	Fle	sence (see part 3)	No 2		1.00	CP	
	Relevant Work (see part 8)		No 1		4.00	СР	
	Total				6 CP		
12		ght of the module grade for th o (5%)	ne overall grade	e:			
13	Mod none	ule Prerequisites:					
14		ence: ence is strongly recommende	ed to warrant lea	arning s	uccess.		
	Mob	ility/Acknowledgement:					
15	Use of the module for other course		se programs		r Business Admi ation Systems	nistration, Master	
16		Responsible Lecturer: Prof. Dr. Nicole Branger			Department: University of Münster, School of Business and Economics		
17	Misc						

Module Title english:				Financial Intermediation II					
Course Program:				Master Economics					
1 Module No: FCM 08			08	State: Elective	Language of I	nstruct	: ion: Ge	rman	
2	Turn: each summer semester			Duration: 1 semester	Semester: 1 0	r 2 or	CP: 6	Workloa	d (h): 18c
	Mod	ule Structure	:						
	No	Туре	Cour	se		State		Workload (h	ı)
3								Presence (h + CH)	Self- Study (h)
	1	Lecture	Finar	ncial Intermediation II		Comp	oulsory	30 h (2 CH)	60
	2	Exercise	Tuto	rial Financial Intermed	liation II	Comp	oulsory	30 h (2 CH)	60
	Purp Build know mana the p	ling onto the vledge about agement as w	basis the ex vell as	integration into currio laid in Financial Interr istence of banks, loar banking regulation. F of risks banks are exp	nediation I, this ns and deposits urthermore, me	to the thods f	princip For mea	les of bank a	nd risk
4	Purp Build know mana the p Cour The c intro Embe liquid to pr abou	ose of the mo ling onto the vledge about agement as w orinciple cate; se content: course starts ducing the re edded into th dity, default, ovide studen ut the importa	basis the ex vell as gories by dis- gulato iis regu marke ts with ince of	laid in Financial Interr istence of banks, loar banking regulation. F	nediation I, this ns and deposits urthermore, me bosed to are dis ectives of individ have to follow na ods for precisely are presented. ge of bank man	to the thods f cussed dual ba ational mease The pr ageme	princip for mea l. Inks. It ly and in uring th imary p nt and r	les of bank a suring and m moves on by nternationall e magnitude urpose of thi egulation. Th	nd risk anaging y. of s course i iey learn
4	Purp Build know mana the p Cour The c intro Embe liquid to pr abou	ose of the mo ling onto the vledge about agement as w orinciple cates se content: course starts ducing the re edded into th dity, default, ovide studen it the importa nethods discu	basis the ex vell as gories by dis gulato is regu marke ts with ince of ussed	laid in Financial Interr istence of banks, loar banking regulation. F of risks banks are exp cussing principle obje ry framework banks h ulatory context, metho t and operational risk a profound knowledg frisk measurement ar	nediation I, this ns and deposits urthermore, me bosed to are dis ectives of individ have to follow na ods for precisely are presented. ge of bank man	to the thods f cussed dual ba ational mease The pr ageme	princip for mea l. Inks. It ly and in uring th imary p nt and r	les of bank a suring and m moves on by nternationall e magnitude urpose of thi egulation. Th	nd risk anaging y. of s course i iey learn
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To learn about methodologies to assess the market risk (including interest rate risk, price risk and foreign exchange risk) of banks following regulatory requirements

Financial Intermediation II

Market risk

	Operational risk To learn about methodologies to assess the default risk of banks following regulatory requirements					ult risk of banks
5	Learning outcomes: Academic: Students are familiar with theoretical concepts and practical developments of the bank management. They master the calculation and interpretation of different risk measures. In addition, students acquire the ability to make their own qualitative and quantitative statements on bank-specific risks in accordance with the concepts presented and to classify them according to the current context of the applicable regulatory requirements. They are able to contribute to scientific and practical discussions on bank management and banking regulation. Further self- study, in particular with respect to the legal perspective of banking regulation, is prepared and significantly simplified by the foundations established in the course. They recognize bank typical risks and know ways to quantify these risks and their impact and then to reduce them or to pass them. Students can justify methodologically why the regulation of banks in general and individual regulations in particular, are necessary or where the limits are for a reasonable regulation. They master the interplay between national and international regulation.					
6	Description of possible on none	electives within th	e modules	:		
7	Examination: Final Mod	ule Exam				
8	Relevant Work: Duration Part of final mark in % No Number and Type; Connection to Course Duration Part of final mark in %					Part of final mark in %
	1 Final written exam			120 min.		100 %
9	Study Work: none					
10	Prerequisites for Credit The credit points will be completed.		elevant wor	k and study	work h	ave been successfully
	CP Assignment:					
	Dresence (see nert e)	No 1	No 1		1.00 CP	
11	Presence (see part 3)	No 2			1.00 CP	
	Relevant Work (see par	t 8) No 1			4.00 CP	
	Total				6 CP	
12	Weight of the module gr 6/120 (5%)	ade for the overal	l grade:			
13	Module Prerequisites: Students are required to introductory finance clas advisable.		-			

14	Presence: Presence is strongly recommended to warrant learning success.						
	Mobility/Acknowledgement:						
15	Use of the module for other course programs Master Business Administration, Master Information Systems						
16	Responsible Lecturer: Prof. Dr. Andreas Pfingsten		Department: School of Business and Economics				
17	Misc.:						