Subject and module overview

Subject	Module	Courses	Responsible	Credits					
Advanced	Mandatory:	Lecture/ Exercise	Kolb	8					
Fundamentals	Process Technology	Praktikum							
	Elective: 4 Modules/ 24 Cred	•							
	Kinetics und Catalysis	Wehinger	6						
	Particle Technology	Lecture/ Exercise	Dittler	6					
	Computational Fluid Dynamics	Lecture/ Exercise	Nirschl	6					
	Thermodynamics III	Lecture/ Exercise	Enders	6					
	Thermal Process Engineering II	Zeiner	6						
	Alternatively: Maximum 1 elective module the Master's program Bioeng	6							
	of the examination board requand modules in the technical s		n for examinatio	ns in					
Specialized Course I	3 elective modules								
Specialized Course II	3 elective modules			16					
Technical Supple- ment Course	2 – 3 elective modules			10					
Soft Skills	e. g. offers oft he House of Competence								
	internship		14						
	Master thesis								

Recommended course of study

The study program can be started in the summer semester as well as in the winter semester. In the first two semesters it is recommended to complete the modules of the subjects Advanced Fundamentals, Technical Supplement Course and Soft Skill Qualifications as well as to attend lectures in the Specialized Courses. The first half of the third semester is then used to prepare for the specialization examinations, some of which are offered as block examinations (all modules of a specialized course in one common date). Following the specialization examinations, the p internship can be completed. The master's thesis is written in the fourth semester.

Start in winter semester

		1. Ser	nester	•				2. Sen	neste	r				3. Sei	meste	r	4. Semester						
October	November	December	January	February	March	April	Мау	June	July	August	September	October	November	December	January	February	March	April	Мау	June	July	August	September
Pa		I 5 CF		Pr		Pa	t Part	II 3 CI	P K														
	P160				K		P III 6			K													
	PII6				K		PIV 6				K												
	6 CF			М			4 CI			М													
	140						14 C					P 8 (
VF	VF II 4 CP					1140						P 8 C	P										
			Ü	2 CF	•	S																	
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																		Thesi	is				
31	СР					29	СР					3	0 CP					30	СР				
Nu	ımber	of gra	ded e	xams:	3	Νι	ımber	of gra	ded e	xams	s: 4	N	umber	of gra	aded e	xams:	6						
Nu	mber	of Lab	s (uno	grade	1): 1	Nι	ımber	of ung	radeo	d exa	ms: 1												
PA	T: Pro	ocess	Techr	nology	(Adv	anced	Funda	amenta	als)				K: W	ritten E	Exam								
W	P: Mai	ndator	y Elec	tive (A	dvan	ced Fu	ındam	entals)				M: Or	ral Exa	am								
TE	: Tec	nnical	Suppl	emen	Cour	se							S: Completed Coursework (ungraded)										
ÜC	ÜQ: Interdisciplinary Qualifications										Pr: Lab												
VF: Specialized Course										P: Exam Praparation/ Oral Exam Speicialized Course													

Start in summer semester

1. Semester							2	. Ser	neste	er		3. Semester							4. Semester						
April	May	June	July	August	September	October	November	December	January	February	March	April	Мау	June	July	August	September	October	November	December	January	February	March		
P	AT Pa	art II :	3 СР				AT P		CP		K														
W	'P I 6	CP		K			'P I 6				K														
	PII 6				K		PII 6				K														
_	E 6 C		M				ΞΙ4			M															
	FI4						FI4					P 8													
	FII4					VI	F II 4	CP					P 8 0	CP											
U	Q 2 C	P	S																						
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																		Thes	sis						
3	1 CP					29) CP					3	0 CP					30) CP						
N	umbe	r of c	ırade	d exa	ams:	4 N	umbe	r of c	ırade	d exa	ams:	3 N	umbe	r of c	rade	d exa	ams:	6							
					exam																				
					ology						3)				ı Exa	m									
					ve (A			unda	ment	als)				ral E											
					ment										eted	Cour	sewo	rk (ui	ngrad	led)					
					Qualifi	catio	ns						Pr: L												
V	F: Sp	eciali	zed (Cours	se								P: E	xam	Prapa	aratio	n/ Or	al Ex	am S	peici	alizec	Cou	ırse		