Course of Study Bioprocess Engineering (Study Cohort w14)

					Core qualification Compulsory	Spec	cialisation Compulsory	Focus Compulsory	Thesis Compulso	ory
Sam	ble course plan A Bachelor Bio		Core qualification Elective Compulsory		cialisation Elective npulsory	Focus Elective Con	npulsory Interdisciplinary	complement		
LP	Semester 1 FormHrs/w	k Semester 2 FormHrs/v	k Semester 3 F	ormHrs/wk	Semester 4 For	rmHrs/wk	Semester 5	FormHrs/wk	Semester 6	FormHrs/wk
1	Engineering Mechanics I	Engineering Mechanics II	Basics of Electrical Engineering		Fundamentals of Fluid Mechanics		Heat and Mass Transfer		Thermal Separation Processes	; (part 2)
	Engineering Mechanics I VL 3	Engineering Mechanics II VL 3	Basics of Electrical Engineering	VL 3	Fundamentals of Fluid Mechanics VL	L 2	Heat and Mass Transfer	VL 2	Separation Processes	PR 1
2	Engineering Mechanics I UE 2	Engineering Mechanics II UE 2	Basics of Electrical Engineering	UE 2	Exercises in Fluid Mechanics for HÜ	Ü 1	Heat and Mass Transfer	UE 1	Chemical Reaction Engineering	g (part 2)
3					Process Engineering				Experimental Course Chemical Engineering	PR 2
4									Process and Plant Engineering	j l
5									Process and Plant Engineering	I VL 2
6									Process and Plant Engineering	I HÜ 1
7	Mothematica	Technical Thermodynamica I	Toohnical Thormodynamica II		Phase Equilibric Thermodynamics		Thormal Constation Broom	2000 (port 1)	Process and Plant Engineering	I UE 1
	Linear Algebra I VI 2	Technical Thermodynamics I VI 2	Technical Thermodynamics II	VI 2	Thermodynamics III VI	1 2	Thermal Separation Proces			
8	Linear Algebra I UE 1	Technical Thermodynamics I HÜ 1	Technical Thermodynamics II	ΗÜ 1	Thermodynamics III UE	E 1	Thermal Separation Proces	ses UE 2		
9	Linear Algebra I HÜ 1	Technical Thermodynamics I UE 1	Technical Thermodynamics II	UE 1	Thermodynamics III HÜ	Ü 1	Thermal Separation Proces	ses HÜ 1		
10	Analysis I VL 2								Particle Technology and Solids	Process
11	Analysis I UE 1								Engineering	
10	Analysis I HÜ 1						Introduction to Control Sur	40 mg	Particle Technology I	VL 2
12	-						Introduction to Control Sys	ioms VI 2	Particle Technology I	UE 1
13		Biochemistry and Microbiology	Mathematics III		Foundations of Management		Introduction to Control Sys	ems UE 2	Particle lechnology I	PR 2
14		Biochemistry VL 2	Analysis III	VL 2	Introduction to Management VL	L4				
15	Fundamentals in Inorganic Chemistry	Microbiology V/L 2	Analysis III	UE I HÜ 1	Project Entrepreneursnip PO	JL 2				
16	Fundamentals in Inorganic Chemistry VL 4	Microbiology POL 1	Differential Equations 1	VL 2					Bachelor Thesis	
17	Fundamentals in Inorganic Chemistry PR 3		Differential Equations 1	UE 1						
17	_		Differential Equations 1	HÜ 1						
18							Chemical Reaction Engine	ering (part 1)		
19		Mathematics II			Informatics for Process Engineers		Chemical Reaction Engine	ering VL 2		
20		Linear Algebra II VL 2			Numeric and Matlab PF	R 2	Chemical Reaction Engine	enng HU 2		
21	Fundamentals of Process Engineering	Linear Algebra II UE 1	Fundamentals in Molecular Biology		Informatics for Process Engineers VL	L 2				
	Environmental Technologie VL 2	Analysis II HU 1	Genetics and Molecular Biology	VL 2	Informatics for Process Engineers UE	= 2	Pieproses Environting	Advanced		
22	Introduction into Process VL 2	Analysis II HÜ 1	Genetics and Molecular Biology P	OL 1			Bioprocess Engineering			
23	Engineering/Bioprocess Engineering	Analysis II UE 1	Lab Course in Microbiology and	PR 3			Bioprocess Engineering -	dvanced UE 2		
24	Fundamentals of Technical Drawing VL 1		Biochemistry							
25	Eurodamentals of Technical Drawing HU				Bioprocess Engineering - Fundamentals					
26	and Materials				Bioprocess Engineering - VL	L 2				
27	Physics for VT/BVT/EUT-Engineers	Organic Chemistry			Fundamentals					
21	Physics for VT/BVT/EUT-Engineers VI 2	Organic Chemistry VI 4			Bioprocess Engineering- HL	J 2				
28	Physics for VT/BVT/EUT-Engineers UE 1	Organic Chemistry PR 3			Bioprocess Engineering - PF	R 2				
29	Physics-Lab for VT/BVT/EUT- PR 2				Fundamental Practical Course					
30	Engineers									
31										
30										
52	Nexted view local sectors									

Legend:

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The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.