Course of Study Bioprocess Engineering (Study Confusion Study Confusion Study Confusion Specialisation Elective Compulsory Specialisation Elective Compulsor

ample	င္သေပးနွင့္ plan B Bachelor Biopr	ocess	Edding (BVIBS)	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk	Semester 5	Form Hrs/wk	Semester 6	Form Hrs/v
L	Engineering Mechanics I		Engineering Mechanics II		Basics of Electrical Engineering		Fundamentals of Fluid Mechanics		Heat and Mass Transfer		Chemical Reaction Engineering (part 2)	
2	Engineering Mechanics I V	L 3	Engineering Mechanics II	VL 3	Basics of Electrical Engineering	VL 3	Fundamentals of Fluid Mechanics	VL 2	Heat and Mass Transfer	VL 2	Experimental Course Chemical Engineering	PR 2
3	Engineering Mechanics I G	Ü 2	Engineering Mechanics II	GÜ 2	Basics of Electrical Engineering	GÜ 2	Fluid Mechanics for Process Engineering	HÜ 2	Heat and Mass Transfer	GÜ 1	Burney and Blank Fredrick day 1	
									Heat and Mass Transfer	HÜ 1	Process and Plant Engineering I Process and Plant Engineering I	VL 2
1											Process and Plant Engineering I	HÜ 1
5											Process and Plant Engineering I	GŪ 1
6												
7	Mathematics I		Technical Thermodynamics I		Technical Thermodynamics II		Phase Equilibria Thermodynamics		Thermal Separation Processes			
3		L 2	Technical Thermodynamics I	VL 2	Technical Thermodynamics II	VL 2	Phase Equilibria Thermodynamics	VL 2	Thermal Separation Processes	VL 2		
9	Linear Algebra I G		Technical Thermodynamics I	HÜ 1	Technical Thermodynamics II	HÜ 1	Phase Equilibria Thermodynamics	GÜ 1	Thermal Separation Processes	GÜ 2		
-		Ü 1	Technical Thermodynamics I	GÜ 1	Technical Thermodynamics II	GÜ 1	Phase Equilibria Thermodynamics	HÜ 1	Thermal Separation Processes	HÜ 1	Particle Technology and Solids Process E Particle Technology I	ingineering VL 2
10		L 2							Separation Processes	PR 1	Particle Technology I	GÜ 1
11		Ü 1 Ū 1									Particle Technology I	PR 2
12	Alidiysis i	0 1										
L3			Biochemistry and Microbiology		Mathematics III		Foundations of Management		Introduction to Control Systems			
L4			Biochemistry	VL 2	Analysis III	VL 2	Introduction to Management	VL 3	Introduction to Control Systems	VL 2		
			Biochemistry	PBL 1	Analysis III	GŪ 1	Management Tutorial	HŪ 2	Introduction to Control Systems	GÜ 2		
L5	General and Inorganic Chemistry		Microbiology	VL 2	Analysis III	HÜ 1					Bachelor Thesis	
16		L 3	Microbiology	PBL 1	Differential Equations 1	VL 2						
17		R 3 Ü 1			Differential Equations 1	GÜ 1						
18	rundamentals in inorganic Chemistry G	0 1			Differential Equations 1	HÜ 1						
19		-	Mathematics II				Informatics for Process Engineers		Chemical Reaction Engineering (part 1)			
			Linear Algebra II	VL 2			Numeric and Matlab	PR 2	Chemical Reaction Engineering (part 1)	VL 2		
20			Linear Algebra II	GÜ 1			Informatics for Process Engineers	VL 2	Chemical Reaction Engineering	HÜ 2		
21	Fundamentals of Process Engineering and Mate	erial	Linear Algebra II	HÜ 1	Fundamentals in Molecular Biology		Informatics for Process Engineers	GÜ 2				
22	Engineering		Analysis II	VL 2	Genetics and Molecular Biology	VL 2						
23	Introduction into Process Engineering/Bioprocess V Engineering	L 2	Analysis II	HÜ 1	Genetics and Molecular Biology	PBL 1			Bioprocess Engineering - Advanced			
23		L 2	Analysis II	GÜ 1	Lab Course in Microbiology and Biochemistry	PR 3			Bioprocess Engineering - Advanced	VL 2		
24	Physics								Bioprocess Engineering - Advanced	GÜ 2		
25		L 2										
	Physics G	Ü 1					Bioprocess Engineering - Fundamentals Bioprocess Engineering - Fundamentals	VL 2				
26	Physics-Lab for VT/ BVT/ EUT P	R 2					Bioprocess Engineering - Fundamentals	HÜ 2				
27			Organic Chemistry		Physical Chemistry		Bioprocess Engineering - Fundamental Practical	PR 2				
28			Organic Chemistry	VL 4	Physical Chemistry	VL 2	Course					
29			Organic Chemistry	PR 3	Physical Chemistry	PR 2						
30												
5U												
31												

Nontechnical Complementary Courses for Bachelors (from catalogue) - 6LP

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