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

		_	=		_	_	Core Qualification	AT EICCLIVE COIL	Specialisation Elective compaisory	1 Ocus Elective	interdisciplinary comple	Ciricine
<u>a</u> mple	sourse plan A Bachelor Biop	rocess	Engineering (BVTBS)	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk	Semester 5	Form Hrs/wk	Semester 6	Form Hrs/w
	Engineering Mechanics I		Engineering Mechanics II		Basics of Electrical Engineering		Fundamentals of Fluid Mechanics		Heat and Mass Transfer		Chemical Reaction Engineering (part 2)	
		VL 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
	Engineering Mechanics I	GÜ 2	Engineering Mechanics II	GÜ 2	Basics of Electrical Engineering	GÜ 2	Fluid Mechanics for Process Engineering	HÜ 2	Heat and Mass Transfer Heat and Mass Transfer	GÜ 1 HÜ 1	Process and Plant Engineering I	
									neat and mass transfer	HU 1	Process and Plant Engineering I	VL 2
											Process and Plant Engineering I	HÜ 1
											Process and Plant Engineering I	GÜ 1
	Mathematics I		Technical Thermodynamics I		Technical Thermodynamics II		Phase Equilibria Thermodynamics		Thermal Separation Processes			
		VL 2	Technical Thermodynamics I	VL 2	Technical Thermodynamics II	VL 2	Phase Equilibria Thermodynamics	VL 2	Thermal Separation Processes	VL 2		
		GÜ 1	Technical Thermodynamics I	HÜ 1	Technical Thermodynamics II	HÜ 1	Phase Equilibria Thermodynamics	GÜ 1	Thermal Separation Processes	GÜ 2	Particle Technology and Solids Process En	ngineering
		HÜ 1 VL 2	Technical Thermodynamics I	GÜ 1	Technical Thermodynamics II	GÜ 1	Phase Equilibria Thermodynamics	HÜ 1	Thermal Separation Processes Separation Processes	HÜ 1 PR 1	Particle Technology I	VL 2
0	The state of the s	GÜ 1							Separation Processes	FR I	Particle Technology I	GÜ 1
1		HÜ 1									Particle Technology I	PR 2
2												
3			Biochemistry and Microbiology		Mathematics III		Foundations of Management		Introduction to Control Systems			
4			Biochemistry	VL 2	Analysis III	VL 2	Introduction to Management	VL 3	Introduction to Control Systems	VL 2		
			Biochemistry	PBL 1	Analysis III	GÜ 1	Management Tutorial	HŪ 2	Introduction to Control Systems	GÜ 2		
5	General and Inorganic Chemistry		Microbiology	VL 2	Analysis III	HÜ 1					Bachelor Thesis	
ŝ		VL 3 PR 3	Microbiology	PBL 1	Differential Equations 1	VL 2						
7		GÜ 1			Differential Equations 1	GÜ 1						
В	rundamentals in morganic chemistry	00 1			Differential Equations 1	HÜ 1						
9			Mathematics II				Information for Decease Engineers		Chemical Reaction Engineering (part 1)			
			Linear Algebra II	VL 2			Informatics for Process Engineers Numeric and Matlab	PR 2	Chemical Reaction Engineering (part 1) Chemical Reaction Engineering	VL 2		
0			Linear Algebra II	GÜ 1			Informatics for Process Engineers	VL 2	Chemical Reaction Engineering	HÜ 2		
1	Fundamentals of Process Engineering and Ma	aterial	Linear Algebra II	HÜ 1	Fundamentals in Molecular Biology		Informatics for Process Engineers	GÜ 2				
2	Engineering		Analysis II	VL 2	Genetics and Molecular Biology	VL 2						
3	Introduction into Process Engineering/Bioprocess	VL 2	Analysis II	HÜ 1	Genetics and Molecular Biology	PBL 1			Bioprocess Engineering - Advanced			
,	Engineering Fundamentals of material engineering	VL 2	Analysis II	GÜ 1	Lab Course in Microbiology and Biochemistry	PR 3			Bioprocess Engineering - Advanced Bioprocess Engineering - Advanced	VL 2		
4	Physics	VL 2							Bioprocess Engineering - Advanced	GÜ 2		
		VL 2										
5		GÜ 1					Bioprocess Engineering - Fundamentals					
6	Physics-Lab for VT/ BVT/ EUT	PR 2					Bioprocess Engineering - Fundamentals Bioprocess Engineering- Fundamentals	VL 2 HŪ 2				
7			Organic Chemistry				Bioprocess Engineering - Fundamental Practical					
0			Organic Chemistry	VL 4			Course					
			Organic Chemistry	PR 3								
9												
9	Fundamentals of technical drawing	\# 1										
9 80 81	Fundamentals of Technical Drawing	VL 1 HÜ 1										

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

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