Course of Study Bioprocess Engineering (Study Cohort w20)

Engineering Mecha	nics I		Engineering Mechanics II		Basics of Electrical Engineering		Fundamentals of Fluid Mechanics	н	Heat and Mass Transfer		Process and Plant Engineering I	
Engineering Mechani	cs I V	′L 3	Engineering Mechanics II	VL 3	Basics of Electrical Engineering	VL 3	Fundamentals of Fluid Mechanics VL 2	е н	Heat and Mass Transfer	VL 2	Process and Plant Engineering I	VL 2
Engineering Mechani	cs I G	Ü 2	Engineering Mechanics II	GÜ 2	Basics of Electrical Engineering	GŪ 2	Fluid Mechanics for Process Engineering HŪ 2	: н	Heat and Mass Transfer	GÜ 1	Process and Plant Engineering I	HÜ 1
_								н	Heat and Mass Transfer	HÜ 1	Process and Plant Engineering I	GŪ 1
Mathematics I			Technical Thermodynamics I		Technical Thermodynamics II		Phase Equilibria Thermodynamics	т	Thermal Separation Processes		Particle Technology and Solids Process	Engineering
Linear Algebra I	v	′L 2	Technical Thermodynamics I	VL 2	Technical Thermodynamics II	VL 2	Phase Equilibria Thermodynamics VL 2		Thermal Separation Processes	VL 2	Particle Technology I	VL 2
Linear Algebra I	G	Ü 1	Technical Thermodynamics I	HÜ 1	Technical Thermodynamics II	HÜ 1	Phase Equilibria Thermodynamics GÜ 1	. т	Thermal Separation Processes	GÜ 2	Particle Technology I	GŪ 1
Linear Algebra I	н	Ū 1	Technical Thermodynamics I	GÜ 1	Technical Thermodynamics II	GŪ 1	Phase Equilibria Thermodynamics HŪ 1	. т	Thermal Separation Processes	HÜ 1	Particle Technology I	PR 2
Analysis I		′L 2						s	Separation Processes	PR 1		
Analysis I		Ü 1										
Analysis I	н	IŪ 1										
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			Biochemistry and Microbiology Biochemistry	VL 2	Mathematics III Analysis III	VL 2	Foundations of Management Introduction to Management VL 3		Introduction to Control Systems Introduction to Control Systems	VL 2	Bachelor Thesis	
			Biochemistry	PBL 1	Analysis III Analysis III	GŪ 1	Management Tutorial GÜ 2		Introduction to Control Systems	GÜ 2		
General and Inorg	nic Chemistry		Microbiology	VL 2	Analysis III	HÜ 1						
General and Inorgan	c Chemistry V	′L 3	Microbiology	PBL 1	Differential Equations 1	VL 2						
Fundamentals in Ino		R 3			Differential Equations 1	GÜ 1						
Fundamentals in Inor	ganic Chemistry G	Ü 1			Differential Equations 1	HÜ 1						
			Mathematics II				Bioprocess Engineering - Fundamentals	B	Bioprocess Engineering - Advanced			
			Linear Algebra II	VL 2			Bioprocess Engineering - Fundamentals VL 2		Bioprocess Engineering - Advanced	VL 2		
Fundamentals of P	rocess Engineering and Mate		Linear Algebra II	GÜ 1	Fundamentals in Molecular Biology		Bioprocess Engineering- Fundamentals HŪ 2		Bioprocess Engineering - Advanced	GÜ 2		
Engineering	incess Engineering and Hat		Linear Algebra II Analysis II	HÜ 1 VL 2	Genetics and Molecular Biology	VL 2	Bioprocess Engineering - Fundamental Practical PR 2 Course					
Introduction into Pro	ess Engineering/Bioprocess V	'L 2	Analysis II	HÜ 1	Genetics and Molecular Biology	PBL 1						
Engineering			Analysis II	GÜ 1	Lab Course in Microbiology and Biochemistry	PR 3						
Fundamentals of ma	erial engineering V	'L 2										
	nology for VT/ BVT											
Measurement Techn Physical Fundamenta		'L 2 'L 2					Computer Science for Engineers - Programming	E	Environmental Technology			
Technology	is of measurement v	L 2					Concepts, Data Handling & Communication		Environmental Assessment	VL 2		
Practical Course Mea	surement Technology P	R 2	Organic Chemistry		Chemical Reaction Engineering (part 1)		Computer Science for Engineers - Programming VL 3 Concepts, Data Handling & Communication	c c	Case studies project assessment	GÜ 1		
-			Organic Chemistry	VL 4	Chemical Reaction Engineering	VL 2	Computer Science for Engineers - Programming GÜ 2	-			1	
_			Organic Chemistry	PR 3	Chemical Reaction Engineering	HÜ 2	Concepts, Data Handling & Communication					
_							Chemical Reaction Engineering (part 2)					
							Experimental Course Chemical Engineering PR 2					

Thesis Compulsory Interdisciplinary completion

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