

Course of Study Chemical and Bioprocess Engineering (Study Cohort w21)

Sample course plan C Master Chemical and Bioprocess Engineering (IMPCBE)

Specialisation		General Process Engineering		Semester 2		Semester 3		Semester 4	
Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk
1	Applied Thermodynamics: Thermodynamic Properties for Industrial Applications		Bioprocess and Biosystems Engineering		Process Design Project		Master Thesis		
2	VL	4	VL	2	PK	6			
3	GÜ	2	VL	2					
4			PBL	1					
5									
6									
7	Separation Technologies for Life Sciences		Heterogeneous Catalysis		Research project IMP Chemical and Bioprocess Engineering				
8	VL	2	VL	2	PBL	6			
9	VL	2	VL	2					
10	PBL	2	PR	2					
11									
12									
13	Biocatalysis		Technical Microbiology		Industrial Process Automation				
14	VL	2	VL	2	VL	2			
15	VL	2	VL	2	GÜ	2			
16			HÜ	1					
17									
18									
19	Process Systems Engineering and Transport Processes		High Pressure Chemical Engineering						
20	VL	2	VL	2					
21	VL	2	VL	2					
22	IV	2	VL	2					
23									
24									
25	Particle Technology for International Master Programs		Numerical Treatment of Ordinary Differential Equations						
26	VL	2	VL	2					
27	PR	3	GÜ	2					
28	HÜ	1							
29									
30									
Business & Management (from catalogue) - 6LP									
Non-technical Courses for Master (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.

