Course of Study Engineering and Management - Major in Logistics and Mobility (Study Cohort w22)

Sample course plan A Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS) Dual study program

Legend:

Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

Specialisation Information Technology

SE							
1	**Introduction to Logistics and Mobility**	**Mathematics II**	**Technical drawing and CAD (part 2)**	**Introduction to Operations Research and Statistics**	**Ethics and Technology - Responsible Innovation**	**Legal Foundations of Logistics and Mobility**	
2	Freight Traffic and Logistics VL 2	Mathematics II VL 4	Introduction to CAD GÜ 2	Introduction to Statistics VL 2	Ethics and Technology - Responsible Innovation VL 4	Legal Foundations of Transportation and Logistics VL 2	
	Freight Traffic and Logistics PBL 2	Mathematics II HÜ 2		Introduction to Operations Research VL 2		Legal Foundations of Transportation and Logistics HÜ 1	
3	Introduction to Scientific Work VL 1	Mathematics II GÜ 2		Exercises to Introduction in Quantitative GÜ 2			
4			**Introduction to Economics**	Methods in Logistics			
5			Introduction to Economics VL 2		**Practical module 5 (dual study program, Bachelor's degree)**	**Stochastics**	
6			Introduction to Economics HÜ 2		Practical term 5 0	Stochastics VL 2	
7	**Foundations of Management**			**Management**		Stochastics GÜ 2	
8	Introduction to Management VL 3			Foundations of Management VL 2			
9	Management Tutorial GÜ 2	**Logistics Management**		Finance and Investment VL 2			
10		Logistics Economics PBL 3	**Computer Science for Engineers - Introduction and Overview**				
11		Introduction into Production Logistics VL 2	Computer Science for Engineers - Introduction VL 3		**Mathematics III**	**Bachelor thesis (dual study program)**	
12			and Overview		Analysis III VL 2		
13	**Mathematics I**		Computer Science for Engineers - Introduction GÜ 2		Analysis III GÜ 1		
14	Mathematics I VL 4		and Overview	**IT applications for logistics and mobility**	Analysis III HÜ 1		
15	Mathematics I HÜ 2	**Technical Logistics**		Introduction to Geoinformation Science PBL 3	Differential Equations 1 VL 2		
16	Mathematics I GÜ 2	Technical Logistics VL 3		IT applications for logistics and mobility VL 1	Differential Equations 1 GÜ 1		
17		Technical Logistics GÜ 2	**Project Management and Accounting**	IT applications for logistics and mobility GÜ 2	Differential Equations 1 HÜ 1		
18			Foundations of project management VL 2				
19			Foundations of cost and activity accounting VL 2	**Practical module 4 (dual study program, Bachelor's degree)**	**Automation in logistics**		
20				Practical term 4 0	Automation in logistics - seminar SE 2		
21	**Practical module 1 (dual study program, Bachelor's degree)**	**Technical drawing and CAD (part 1)**			Automation in logistics - Lab PBL 2		
22		Fundamentals of Technical Drawing VL 1	**Practical module 3 (dual study program, Bachelor's degree)**				
23	Practical term 1 0	Fundamentals of Technical Drawing HÜ 1	Practical term 3 0				
24		**Practical module 2 (dual study program, Bachelor's degree)**					
25				**Computer Science for Engineers - Programming Concepts, Data Handling & Communication**	**Business Administration and Enterprise Resource Planning: CERMEDES AG**		
26		Practical term 2 0		Computer Science for Engineers - Programming VL 3	Business Administration and Enterprise Resource SE 2		
27	**Engineering Mechanics I (Stereostatics)**			Concepts, Data Handling & Communication	Planning: CERMEDES AG		
28	Engineering Mechanics I VL 2		**Transportation Planning and Traffic Engineering**	Computer Science for Engineers - Programming GÜ 2	Business Administration and Enterprise Resource VL 2		
29	Engineering Mechanics I GÜ 2		Transport Planning and Traffic Engineering PBL 4	Concepts, Data Handling & Communication	Planning: CERMEDES AG		
	Engineering Mechanics I HÜ 1						
30		**Engineering Mechanics II (Elastostatics)**					
31		Engineering Mechanics II VL 2		**Simulation of intra logistics**	**Project Seminar WILUM**		
32		Engineering Mechanics II GÜ 2		Simulation of intra logistics SE 4	Project Seminar WILUM SE 3		
		Engineering Mechanics II HÜ 2					
33							
34							
35							
36							
37					**Process Management**		
38					Basics of process management VL 2		
39					Process management practice SE 2		
40							
41							

Linking theory and practice (dual study program, Bachelor's degree) (from catalogue) - 6LP
Technical Complementary Course for Logistics and Mobility (according to Subject Specific Regulations) - 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.