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

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

Specialisation Traffic Planning and Systems

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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
3	Freight Traffic and Logistics PBL 2	Mathematics II HÜ 2		Introduction to Operations Research VL 2		Legal Foundations of Transportation and Logistics HÜ 1
4	Introduction to Scientific Work VL 1	Mathematics II GÜ 2		Exercises to Introduction in Quantitative GÜ 2		
5			**Introduction to Economics**	Methods in Logistics	**Practical module 5 (dual study program, Bachelor's degree)**	**Electrical Machines and Actuators**
6			Introduction to Economics VL 2		Practical term 5 0	Electrical Machines and Actuators VL 3
7	**Foundations of Management**		Introduction to Economics HÜ 2			Electrical Machines and Actuators HÜ 2
8	Introduction to Management VL 3			**Management**		
9	Management Tutorial GÜ 2	**Logistics Management**		Foundations of Management VL 2		
10		Logistics Economics PBL 3	**Computer Science for Engineers - Introduction and Overview**	Finance and Investment VL 2		
11		Introduction into Production Logistics VL 2	Computer Science for Engineers - Introduction VL 3		**Traffic systems and handling technology**	**Technical Thermodynamics I**
12			and Overview		Traffic systems and handling technology VL 2	Technical Thermodynamics I VL 2
13	**Mathematics I**		Computer Science for Engineers - Introduction GÜ 2		Traffic systems and handling technology GÜ 2	Technical Thermodynamics I HÜ 1
14	Mathematics I VL 4		and Overview	**IT applications for logistics and mobility**		Technical Thermodynamics I GÜ 1
15	Mathematics I HÜ 2	**Technical Logistics**		Introduction to Geoinformation Science PBL 3		
16	Mathematics I GÜ 2	Technical Logistics VL 3	**Project Management and Accounting**	IT applications for logistics and mobility VL 1		
17		Technical Logistics GÜ 2	Foundations of project management VL 2	IT applications for logistics and mobility GÜ 2	**Project Course Logistics and Mobility**	**Bachelor thesis (dual study program)**
18			Foundations of cost and activity accounting VL 2			
19				**Practical module 4 (dual study program, Bachelor's degree)**		
20				Practical term 4 0		
21	**Practical module 1 (dual study program, Bachelor's degree)**	**Technical drawing and CAD (part 1)**				
22	Practical term 1 0	Fundamentals of Technical Drawing VL 1	**Practical module 3 (dual study program, Bachelor's degree)**			
23		Fundamentals of Technical Drawing HÜ 1	Practical term 3 0		**Gamification of Strategic Thinking**	
24					Gamification of Strategic Thinking SE 4	
25		**Practical module 2 (dual study program, Bachelor's degree)**		**Mobility Concepts**		
26		Practical term 2 0		Mobility Research and Transportation Projects PBL 3		
27	**Engineering Mechanics I (Stereostatics)**			Mobility in Megacities and Developing Countries SE 3		
28	Engineering Mechanics I VL 2		**Transportation Planning and Traffic Engineering**		**Introduction to Control Systems**	
29	Engineering Mechanics I GÜ 2		Transport Planning and Traffic Engineering PBL 4		Introduction to Control Systems VL 2	
30	Engineering Mechanics I HÜ 1	**Engineering Mechanics II (Elastostatics)**			Introduction to Control Systems GÜ 2	
31		Engineering Mechanics II VL 2		**Introduction to Transportation Economics**		
32		Engineering Mechanics II GÜ 2		Introduction to Transportation Economics VL 3		
33		Engineering Mechanics II HÜ 2				
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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.