

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

Sample course plan B 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 II. Traffic Planning and Systems

Year	Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
1	Introduction to Logistics and Mobility	Mathematics II	Technical drawing and CAD (part 2)	Introduction to Operations Research and Statistics
2	Freight Traffic and Logistics VL 2	Mathematics II VL 4	Introduction to CAD GÜ 2	Introduction to Statistics VL 2
3	Freight Traffic and Logistics PBL 2	Mathematics II HÜ 2		Introduction to Operations Research VL 2
4	Introduction to Scientific Work VL 1	Mathematics II GÜ 2		Exercises to Introduction in Quantitative Methods in Logistics GÜ 2
5				
6				
7	Foundations of Management			
8	Introduction to Management VL 3			
9	Management Tutorial GÜ 2			
10		Logistics Management		Management
11		Logistics Economics PBL 3		Foundations of Management VL 2
12		Introduction into Production Logistics VL 2		Finance and Investment VL 2
13			Computer Science for Engineers - Introduction and Overview	
14	Mathematics I		Computer Science for Engineers - Introduction and Overview VL 3	
15	Mathematics I VL 4		Computer Science for Engineers - Introduction and Overview GÜ 2	
16	Mathematics I HÜ 2			IT applications for logistics and mobility
17	Mathematics I GÜ 2	Technical Logistics		Introduction to Geoinformation Science PBL 3
18		Technical Logistics VL 3		IT applications for logistics and mobility VL 1
19		Technical Logistics GÜ 2	Project Management and Accounting	IT applications for logistics and mobility GÜ 2
20			Foundations of project management VL 2	
21	Practical module 1 (dual study program, Bachelor's degree)	Technical drawing and CAD (part 1)	Foundations of cost and activity accounting VL 1	
22	Practical term 1 0	Fundamentals of Technical Drawing VL 1	Foundations of cost and activity accounting GÜ 2	
23		Fundamentals of Technical Drawing HÜ 1		Practical module 4 (dual study program, Bachelor's degree)
24				Practical term 4 0
25		Practical module 2 (dual study program, Bachelor's degree)		
26		Practical term 2 0		Practical module 3 (dual study program, Bachelor's degree)
27	Engineering Mechanics I (Stereostatics)			Practical term 3 0
28	Engineering Mechanics I VL 2			
29	Engineering Mechanics I GÜ 2		Transportation Planning and Traffic Engineering	
30	Engineering Mechanics I HÜ 1		Transport Planning and Traffic Engineering PBL 4	
31		Engineering Mechanics II (Elastostatics)		Mobility Concepts
32		Engineering Mechanics II VL 2		Mobility Research and Transportation Projects PBL 3
33		Engineering Mechanics II GÜ 2		Mobility in Megacities and Developing Countries SE 3
34		Engineering Mechanics II HÜ 2		
35				
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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.

