

Course of Study Engineering and Management - Major in Logistics and Mobility (Study Cohort w23)

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 Production Management and Processes

1	Foundations of Management		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	Introduction to Management	VL 3	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
3	Management Tutorial	GÜ 2	Mathematics II	HÜ 2			Introduction to Operations Research	VL 2			Legal Foundations of Transportation and Logistics
4			Mathematics II	GÜ 2			Exercises to Introduction in Quantitative Methods in Logistics	GÜ 2			HÜ 1
5											
6											
7	Mathematics I		Logistics Management				Management		Practical module 5 (dual study program, Bachelor's degree)		Logistics, Transport and Environment
8	Mathematics I	VL 4	Logistics Economics	PBL 3			Foundations of Management	VL 2	Practical term 5	0	Logistics, Transport and Environment
9	Mathematics I	HÜ 2	Introduction into Production Logistics	VL 2			Finance and Investment	VL 2			Environmental Management and Corporate Responsibility
10	Mathematics I	GÜ 2			Computer Science for Engineers - Introduction and Overview						
11					Computer Science for Engineers - Introduction and Overview	VL 3					Logistics Service Provider Management
12					Computer Science for Engineers - Introduction and Overview	GÜ 2			Process Management		Logistics Service Provider Management
13							IT applications for logistics and mobility		Basics of process management	VL 2	SE 3
14							Introduction to Geoinformation Science	PBL 3	Process management practice	SE 2	
15	Practical module 1 (dual study program, Bachelor's degree)		Technical Logistics				IT applications for logistics and mobility	VL 1			
16	Practical term 1	0	Technical Logistics	VL 3	Project Management and Accounting		IT applications for logistics and mobility	GÜ 2			
17			Technical Logistics	GÜ 2	Foundations of project management	VL 2			Business Administration and Enterprise Resource Planning: CERMEDES AG		Bachelor thesis (dual study program)
18					Foundations of cost and activity accounting	VL 2			Business Administration and Enterprise Resource Planning: CERMEDES AG	SE 2	
19									Planning: CERMEDES AG		
20									Business Administration and Enterprise Resource Planning: CERMEDES AG	VL 2	
21	Engineering Mechanics I (Stereostatics)		Technical drawing and CAD (part 1)				Practical module 4 (dual study program, Bachelor's degree)		Practical term 4	0	
22	Engineering Mechanics I	VL 2	Fundamentals of Technical Drawing	VL 1			Practical term 3	0			
23	Engineering Mechanics I	GÜ 2	Fundamentals of Technical Drawing	HÜ 1					Production Engineering		
24	Engineering Mechanics I	HÜ 1			Practical module 3 (dual study program, Bachelor's degree)				Production Engineering I	VL 2	
25					Practical term 3	0			Production Engineering II	VL 2	
26									Production Engineering II	HÜ 1	
27	Introduction to Logistics and Mobility		Practical module 2 (dual study program, Bachelor's degree)						Production Engineering I	HÜ 1	
28	Freight Traffic and Logistics	VL 2	Practical term 2	0							
29	Freight Traffic and Logistics	PBL 2			Transportation Planning and Traffic Engineering						
30	Introduction to Scientific Work	VL 1			Transport Planning and Traffic Engineering	PBL 4			Logistical systems - Industry 4.0		
31			Engineering Mechanics II (Elastostatics)						Logistics systems - Industry 4.0	SE 4	
32			Engineering Mechanics II	VL 2							
33			Engineering Mechanics II	GÜ 2					Fundamentals of Production and Quality Management		
34			Engineering Mechanics II	HÜ 2					Production Process Organization	VL 2	
35									Quality Management	VL 2	
36											

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.

