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

Specialisation Traffic Planning and Systems

#	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk	Semester 5	Form	Hrs/wk	Semester 6	Form	Hrs/wk
1	**Introduction to Logistics and Mobility**			**Mathematics II**			**Technical drawing and CAD (part 2)**			**Introduction to Operations Research and Statistics**			**Project Course Logistics and Mobility**			**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				Legal foundations for logistics and mobility	VL	4
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	GÜ	2						
5							**Transportation Planning and Traffic Engineering**			Methods in Logistics								
6							Transport Planning and Traffic Engineering	PBL	4									
7	**Foundations of Management**									**Management**			**Ethics and Technology**			**Aeronautical Systems**		
8	Introduction to Management	VL	3							Foundations of Management	VL	2	Technology Assessment	VL	2	Air Transportation Systems	VL	2
9	Management Tutorial	GÜ	2	**Logistics Management**						Finance and Accounting	VL	2				Fundamentals of Aircraft Systems	VL	2
10				Logistics Economics	PBL	3	**Introduction to Economics**						**Practical module 5 (dual study program, Bachelor's degree)**			Fundamentals of Aircraft Systems	GÜ	1
11				Introduction into Production Logistics	VL	2	Introduction to Economics	VL	2				Practical term 5		0	Air Transportation Systems	HÜ	1
12							Introduction to Economics	GÜ	2									
13	**Mathematics I**									**Project Management and Controlling**						**Introduction to Railways**		
14	Mathematics I	VL	4							Foundations of project management	VL	2				Introduction to Railways	VL	2
15	Mathematics I	HÜ	2	**Technical Logistics**						Foundations of Controlling	VL	2				Introduction to Railways	HÜ	1
16	Mathematics I	GÜ	2	Technical Logistics	VL	3	**IT applications for logistics and mobility**						**Traffic systems and handling technology**					
17				Technical Logistics	GÜ	2	IT applications for logistics and mobility	VL	3				Traffic systems and handling technology	VL	2			
18							IT applications for logistics and mobility	GÜ	1				Traffic systems and handling technology	GÜ	2			
19										**Practical module 4 (dual study program, Bachelor's degree)**						**Bachelor thesis (dual study program)**		
20										Practical term 4		0						
21	**Practical module 1 (dual study program, Bachelor's degree)**			**Technical drawing and CAD (part 1)**									**Business Administration and Enterprise Resource Planning: CERMEDES AG**					
22	Practical term 1		0	Fundamentals of Technical Drawing	VL	1							Business Administration and Enterprise Resource	SE	2			
23				Fundamentals of Technical Drawing	HÜ	1	**Computer Science for Engineers - Introduction and Overview**						Planning: CERMEDES AG					
24				**Practical module 2 (dual study program, Bachelor's degree)**			Computer Science for Engineers - Introduction	VL	3				Business Administration and Enterprise Resource	VL	2			
25				Practical term 2		0	and Overview			**Mobility Concepts**			Planning: CERMEDES AG					
26							Computer Science for Engineers - Introduction	GÜ	2	Mobility Research and Transportation Projects	PBL	3						
27	**Engineering Mechanics I (Stereostatics)**						and Overview			Mobility in Megacities and Developing Countries	SE	3	**Simulation of Transport and Handling Systems**					
28	Engineering Mechanics I	VL	2										Simulation of Transport and Handling Systems	VL	1			
29	Engineering Mechanics I	GÜ	2	**Practical module 3 (dual study program, Bachelor's degree)**									Simulation of Transport and Handling Systems	GÜ	3			
30	Engineering Mechanics I	HÜ	1	Practical term 3		0												
31				**Engineering Mechanics II (Elastostatics)**						**Introduction to Transportation Economics**								
32				Engineering Mechanics II	VL	2				Introduction to Transportation Economics	VL	3						
33				Engineering Mechanics II	GÜ	2												
34				Engineering Mechanics II	HÜ	2												
35																		
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.