Course of Study Engineering and Management - Major in Logistics and Mobility (Study Cohort w21)

Sample course plan C Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS)
Specialisation Traffic Planning and Systems

Legend:

Core Qualification Compulsory	Specialisation Compulsory
Core Qualification Elective Compulsory	Specialisation Elective Compulsory

Focus Compulsory	Thesis Compulsory
Focus Elective Compulsory	Interdisciplinary complement

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1	**Introduction to Logistics and Mobility**			**Mechanics II: Mechanics of Materials**			**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	Mechanics II	VL	2	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	Mechanics II	GÜ	2				Introduction to Operations Research	VL	2			Legal Foundations of Transportation and Logistics HÜ	1
4	Introduction to Scientific Work	VL	1	Mechanics II	HÜ	2				Exercises to Introduction in Quantitative	GÜ	2				
5							**Transportation Planning and Traffic Engineering**			Methods in Logistics			**Traffic systems and handling technology**		**Electrical Machines and Actuators**	
6							Transport Planning and Traffic Engineering	PBL	4				Traffic systems and handling technology	VL 2	Electrical Machines and Actuators	VL 3
7	**Foundations of Management**			**Mathematics II**									Traffic systems and handling technology	GÜ 2	Electrical Machines and Actuators	HÜ 2
8	Introduction to Management	VL	3	Linear Algebra II	VL	2				**Management**						
9	Management Tutorial	GÜ	2	Linear Algebra II	GÜ	1				Foundations of Management	VL	2				
10				Linear Algebra II	HÜ	1				Finance and Accounting	VL	2				
11				Analysis II	VL	2	**Introduction to Economics**						**Project Course Logistics and Mobility**		**Technical Thermodynamics I**	
12				Analysis II	HÜ	1	Introduction to Economics	VL	2						Technical Thermodynamics I	VL 2
13	**Mathematics I**			Analysis II	GÜ	1	Introduction to Economics	GÜ	2	**Project Management and Controlling**					Technical Thermodynamics I	HÜ 1
14	Linear Algebra I	VL	2							Foundations of project management	VL	2			Technical Thermodynamics I	GÜ 1
15	Linear Algebra I	GÜ	1	**Logistics Management**						Foundations of Controlling	VL	2				
16	Linear Algebra I	HÜ	1	Logistics Economics	PBL	3	**IT applications for logistics and mobility**									
17	Analysis I	VL	2	Introduction into Production Logistics	VL	2	IT applications for logistics and mobility	VL	3				**Gamification of Strategic Thinking**		**Bachelor Thesis**	
18	Analysis I	GÜ	1				IT applications for logistics and mobility	GÜ	1				Gamification of Strategic Thinking	SE 4		
19	Analysis I	HÜ	1							**Mobility Concepts**						
20										Mobility Research and Transportation Projects	PBL	3				
21	**Mechanics I (Statics)**			**Technical Logistics**						Mobility in Megacities and Developing Countries	SE	3				
22	Mechanics I	VL	2	Technical Logistics	VL	3	**Computer Science for Engineers - Introduction and Overview**									
23	Mechanics I	GÜ	2	Technical Logistics	GÜ	2	Computer Science for Engineers - Introduction	VL	3				**Introduction to Control Systems**			
24	Mechanics I	HÜ	1				and Overview						Introduction to Control Systems	VL 2		
25							Computer Science for Engineers - Introduction	GÜ	2	**Introduction to Transportation Economics**			Introduction to Control Systems	GÜ 2		
26							and Overview			Introduction to Transportation Economics	VL	3				
27				**Technical drawing and CAD (part 1)**												
28				Fundamentals of Technical Drawing	VL	1										
29				Fundamentals of Technical Drawing	HÜ	1										
30																

Non-technical Courses for Bachelors (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.