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

Legend:

Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

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

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