

# 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 A Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS)

Year	Specialisation: Traffic Planning and Systems	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	<b>Introduction to Logistics and Mobility</b>	<b>Mathematics II</b>	<b>Technical drawing and CAD (part 2)</b>	<b>Introduction to Operations Research and Statistics</b>	<b>Project Course Logistics and Mobility</b>	<b>Legal Foundations of Logistics and Mobility</b>
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 Methods in Logistics GÜ 2		
5			<b>Transportation Planning and Traffic Engineering</b>			
6			Transport Planning and Traffic Engineering PBL 4			
7	<b>Foundations of Management</b>			<b>Management</b>	<b>Ethics and Technology</b>	<b>Aeronautical Systems</b>
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	<b>Logistics Management</b>		Finance and Accounting VL 2		Fundamentals of Aircraft Systems VL 2
10		Logistics Economics PBL 3	<b>Introduction to Economics</b>		<b>Traffic systems and handling technology</b>	Fundamentals of Aircraft Systems GÜ 1
11		Introduction into Production Logistics VL 2	Introduction to Economics VL 2		Traffic systems and handling technology VL 2	Air Transportation Systems HÜ 1
12			Introduction to Economics GÜ 2		Traffic systems and handling technology GÜ 2	
13	<b>Mathematics I</b>			<b>Project Management and Controlling</b>		<b>Introduction to Railways</b>
14	Mathematics I VL 4			Foundations of project management VL 2		Introduction to Railways VL 2
15	Mathematics I HÜ 2	<b>Technical Logistics</b>		Foundations of Controlling VL 2		Introduction to Railways HÜ 1
16	Mathematics I GÜ 2	Technical Logistics VL 3	<b>IT applications for logistics and mobility</b>		<b>Business Administration and Enterprise Resource Planning: CERMEDES AG</b>	
17		Technical Logistics GÜ 2	IT applications for logistics and mobility VL 3		Business Administration and Enterprise Resource Planning: CERMEDES AG SE 2	
18			IT applications for logistics and mobility GÜ 1		Business Administration and Enterprise Resource Planning: CERMEDES AG VL 2	
19				<b>Mobility Concepts</b>		<b>Bachelor Thesis</b>
20				Mobility Research and Transportation Projects PBL 3		
21	<b>Engineering Mechanics I (Stereostatics)</b>	<b>Technical drawing and CAD (part 1)</b>		Mobility in Megacities and Developing Countries SE 3	<b>Simulation of Transport and Handling Systems</b>	
22	Engineering Mechanics I VL 2	Fundamentals of Technical Drawing VL 1	<b>Computer Science for Engineers - Introduction and Overview</b>		Simulation of Transport and Handling Systems VL 1	
23	Engineering Mechanics I GÜ 2	Fundamentals of Technical Drawing HÜ 1	Computer Science for Engineers - Introduction and Overview VL 3		Simulation of Transport and Handling Systems GÜ 3	
24	Engineering Mechanics I HÜ 1	<b>Engineering Mechanics II (Elastostatics)</b>	Computer Science for Engineers - Introduction and Overview GÜ 2	<b>Introduction to Transportation Economics</b>		
25		Engineering Mechanics II VL 2		Introduction to Transportation Economics VL 3		
26		Engineering Mechanics II GÜ 2				
27		Engineering Mechanics II HÜ 2				
28						
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.

