

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	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
	Form Hrs/wk	Form Hrs/wk	Form Hrs/wk	Form Hrs/wk	Form Hrs/wk	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 Methods in Logistics GÜ 2		
5			Transportation Planning and Traffic Engineering			
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		Traffic systems and handling technology	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	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		Business Administration and Enterprise Resource Planning: CERMEDES AG	
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				Mobility Concepts		Bachelor Thesis
20				Mobility Research and Transportation Projects PBL 3		
21	Engineering Mechanics I (Stereostatics)	Technical drawing and CAD (part 1)		Mobility in Megacities and Developing Countries SE 3	Simulation of Transport and Handling Systems	
22	Engineering Mechanics I VL 2	Fundamentals of Technical Drawing VL 1	Computer Science for Engineers - Introduction and Overview		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	Engineering Mechanics II (Elastostatics)	Computer Science for Engineers - Introduction and Overview GÜ 2	Introduction to Transportation Economics		
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.

