

Course of Study Logistics and Mobility (Study Cohort w20)

Sample course plan B Bachelor Logistics and Mobility (LUMBS)

Specialisation: Engineering Science, Specialisation: Logistics and Mobility

		Core Qualification Compulsory		Specialisation Compulsory		Focus Compulsory		Thesis Compulsory	
		Core Qualification Elective Compulsory		Specialisation Elective Compulsory		Focus Elective Compulsory		Interdisciplinary complement	
		Semester 3		Semester 4		Semester 5		Semester 6	
		Form Hrs/wk		Form Hrs/wk		Form Hrs/wk		Form Hrs/wk	
1	Introduction to Logistics and Mobility	Mechanics II: Mechanics of Materials		Basics of Electrical Engineering		Fundamentals of Mechanical Engineering Design		Complementary Courses in Business Administration (part 2)	
2	Freight Traffic and Logistics VL 2	Mechanics II VL 2		Basics of Electrical Engineering VL 3		Fundamentals of Mechanical Engineering Design VL 2		Production Engineering II VL 2	
3	Freight Traffic and Logistics PBL 2	Mechanics II GÜ 2		Basics of Electrical Engineering GÜ 2		Fundamentals of Mechanical Engineering Design HÜ 2		Production Engineering II HÜ 1	
4	Introduction to Scientific Work VL 1	Mechanics II HÜ 2							
5									
6									
7	Foundations of Management	Mathematics II		Transportation Planning and Traffic Engineering		Introduction to Operations Research and Statistics		Project Course Logistics and Mobility	
8	Introduction to Management VL 3	Linear Algebra II VL 2		Transport Planning and Traffic Engineering PBL 4		Introduction to Statistics VL 2			
9	Management Tutorial GÜ 2	Linear Algebra II GÜ 1				Introduction to Operations Research VL 2			
10		Linear Algebra II HÜ 1				Exercises to Introduction in Quantitative GÜ 2			
11		Analysis II VL 2				Methods in Logistics			
12		Analysis II HÜ 1							
13	Mathematics I			Legal Foundations of Transportation and Logistics		Introduction to Transportation Economics		Production Engineering (part 1)	
14	Linear Algebra I VL 2			Legal Foundations of Transportation and Logistics VL 2		Introduction to Transportation Economics VL 3		Production Engineering I VL 2	
15	Linear Algebra I GÜ 1			Legal Foundations of Transportation and Logistics HÜ 1				Production Engineering I HÜ 1	
16	Linear Algebra I HÜ 1	Logistics Management							
17	Analysis I VL 2	Logistics Economics PBL 2							
18	Analysis I GÜ 1	Introduction into Production Logistics VL 2							
19	Analysis I HÜ 1								
20									
21	Mechanics I (Statics)	Management		Traffic systems and handling technology		Complementary Courses in Business Administration (part 1)		Fundamentals of Materials Science (part 1)	
22	Mechanics I VL 2	Foundations of Management VL 2		Transport- and Handling-Technology VL 2		Selection from a catalog		Fundamentals of Materials Science I VL 2	
23	Mechanics I GÜ 2	Finance and Accounting VL 2		Transport- and Handling-Technology GÜ 2				Physical and Chemical Basics of Materials VL 2	
24	Mechanics I HÜ 1							Science	
25									
26									
27									
28									
29									
30		Technical Logistics		Business Administration and Enterprise Resource Planning: CERMEDES AG		Computer Science for Engineers - Programming Concepts, Data Handling & Communication		Simulation of Transport and Handling Systems	
31		Technical Logistics VL 3		Business Administration and Enterprise Resource Planning: CERMEDES AG SE 2		Computer Science for Engineers - Programming VL 3		Simulation of Transport and Handling Systems VL 1	
32		Technical Logistics GÜ 2		Business Administration and Enterprise Resource Planning: CERMEDES AG VL 2		Computer Science for Engineers - Programming GÜ 2		Simulation of Transport and Handling Systems GÜ 3	
33				Business Administration and Enterprise Resource Planning: CERMEDES AG		Logistics Service Provider Management			
						Logistics Service Provider Management SE 3			
Non-technical Courses for Bachelors (from catalogue) - 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.

