

# Course of Study Logistics and Mobility (Study Cohort w20)

Sample course plan C 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	<b>Introduction to Logistics and Mobility</b>	<b>Mechanics II: Mechanics of Materials</b>		<b>Basics of Electrical Engineering</b>		<b>Fundamentals of Mechanical Engineering Design</b>		<b>Complementary Courses in Business Administration (part 2)</b>	
2	Freight Traffic and Logistics VL 2	Mechanics II VL 2		Basics of Electrical Engineering VL 3		Fundamentals of Mechanical Engineering Design VL 2		<b>Objectoriented Programming, Algorithms and Data Structures</b>	
3	Freight Traffic and Logistics PBL 2	Mechanics II GÜ 2		Basics of Electrical Engineering GÜ 2		Fundamentals of Mechanical Engineering Design HÜ 2			
4	Introduction to Scientific Work VL 1	Mechanics II HÜ 2							
5									
6									
7	<b>Foundations of Management</b>	<b>Mathematics II</b>		<b>Transportation Planning and Traffic Engineering</b>		<b>Introduction to Operations Research and Statistics</b>			
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 Methods in Logistics GÜ 2			
11		Analysis II VL 2							
12		Analysis II HÜ 1							
13	<b>Mathematics I</b>	<b>Logistics Management</b>		<b>Legal Foundations of Transportation and Logistics</b>		<b>Introduction to Transportation Economics</b>		<b>Procedural Programming</b> Procedural Programming VL 1 Procedural Programming HÜ 1 Procedural Programming PR 2	
14	Linear Algebra I VL 2	Logistics Economics PBL 2		Legal Foundations of Transportation and Logistics VL 2		Introduction to Transportation Economics VL 3			
15	Linear Algebra I GÜ 1	Introduction into Production Logistics VL 2		Legal Foundations of Transportation and Logistics HÜ 1					
16	Linear Algebra I HÜ 1								
17	Analysis I VL 2								
18	Analysis I GÜ 1								
19	Analysis I HÜ 1							<b>Production Logistics</b> Production Logistics Seminar SE 2	
20									
21	<b>Mechanics I (Statics)</b>	<b>Management</b>		<b>Traffic systems and handling technology</b>		<b>Complementary Courses in Business Administration (part 1)</b>			
22	Mechanics I VL 2	Foundations of Management VL 2		Transport- and Handling-Technology VL 2		Selection from a catalog			
23	Mechanics I GÜ 2	Finance and Accounting VL 2		Transport- and Handling-Technology GÜ 2					
24	Mechanics I HÜ 1								
25								<b>Bachelor Thesis</b>	
26									
27		<b>Mathematics III - Differential Equations I</b>		<b>Mathematics III - Differential Equations I</b>		<b>Computer Science for Engineers - Programming Concepts, Data Handling &amp; Communication</b>			
28		Differential Equations 1 VL 2		Differential Equations 1 VL 2		Computer Science for Engineers - Programming VL 3			
29		Differential Equations 1 GÜ 1		Differential Equations 1 GÜ 1		Concepts, Data Handling & Communication GÜ 2			
30		Differential Equations 1 HÜ 1		Differential Equations 1 HÜ 1		Computer Science for Engineers - Programming Concepts, Data Handling & Communication			
31		<b>Technical Logistics</b>		<b>Business Issues in Logistics</b>		<b>Logistics Service Provider Management</b>			
32		Technical Logistics VL 3		Business Issues in Logistics SE 2		Logistics Service Provider Management SE 3			
33		Technical Logistics GÜ 2							

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.

