

Course of Study Engineering and Management - Major in Logistics and Mobility (Study Cohort w23)

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 Information Technology				
1	Foundations of Management		Mathematics II	Technical drawing and CAD (part 2)
2	Introduction to Management VL 3 Management Tutorial GÜ 2		Mathematics II VL 4 Mathematics II HÜ 2 Mathematics II GÜ 2	Introduction to CAD GÜ 2
3				Introduction to Operations Research and Statistics
4				Introduction to Statistics VL 2 Introduction to Operations Research VL 2 Exercises to Introduction in Quantitative Methods in Logistics GÜ 2
5				Ethics and Technology - Responsible Innovation
6				Ethics and Technology - Responsible Innovation VL 4
7	Mathematics I			Legal Foundations of Logistics and Mobility
8	Mathematics I VL 4 Mathematics I HÜ 2 Mathematics I GÜ 2			Legal Foundations of Transportation and Logistics VL 2 Legal Foundations of Transportation and Logistics HÜ 1
9				Mathematics III
10		Logistics Management		Analysis III VL 2 Analysis III GÜ 1 Analysis III HÜ 1
11		Logistics Economics PBL 3 Introduction into Production Logistics VL 2		Differential Equations 1 VL 2 Differential Equations 1 GÜ 1 Differential Equations 1 HÜ 1
12			Computer Science for Engineers - Introduction and Overview	
13			Computer Science for Engineers - Introduction and Overview VL 3	Machine Learning I
14			Computer Science for Engineers - Introduction and Overview GÜ 2	Machine Learning I VL 2 Machine Learning I GÜ 3
15	Engineering Mechanics I (Stereostatics)	Technical Logistics		IT applications for logistics and mobility
16	Engineering Mechanics I VL 2 Engineering Mechanics I GÜ 2 Engineering Mechanics I HÜ 1	Technical Logistics VL 3 Technical Logistics GÜ 2		Introduction to Geoinformation Science PBL 3 IT applications for logistics and mobility VL 1 IT applications for logistics and mobility GÜ 2
17			Project Management and Accounting	Automation in logistics
18			Foundations of project management VL 2 Foundations of cost and activity accounting VL 2	Automation in logistics - seminar SE 2 Automation in logistics - Lab PBL 2
19				Project Course Logistics and Mobility
20				Computer Science for Engineers - Programming Concepts, Data Handling & Communication
21	Introduction to Logistics and Mobility	Technical drawing and CAD (part 1)		Computer Science for Engineers - Programming VL 3 Concepts, Data Handling & Communication GÜ 2
22	Freight Traffic and Logistics VL 2 Freight Traffic and Logistics PBL 2 Introduction to Scientific Work VL 1	Fundamentals of Technical Drawing VL 1 Fundamentals of Technical Drawing HÜ 1	Transportation Planning and Traffic Engineering	Computer Science for Engineers - Programming GÜ 2 Concepts, Data Handling & Communication
23			Transport Planning and Traffic Engineering PBL 4	
24		Engineering Mechanics II (Elastostatics)		Graph Theory and Optimization
25		Engineering Mechanics II VL 2 Engineering Mechanics II GÜ 2 Engineering Mechanics II HÜ 2		Graph Theory and Optimization VL 2 Graph Theory and Optimization GÜ 2
26				Gamification of Strategic Thinking
27				Gamification of Strategic Thinking SE 4
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.

