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 Traffic Planning and Systems

1	**Foundations of Management** Introduction to Management VL 3 Management Tutorial GÜ 2	**Mathematics II** Mathematics II VL 4 Mathematics II HÜ 2 Mathematics II GÜ 2	**Technical drawing and CAD (part 2)** Introduction to CAD GÜ 2	**Introduction to Operations Research and Statistics** Introduction to Statistics VL 2 Introduction to Operations Research VL 2 Exercises to Introduction in Quantitative Methods in Logistics GÜ 2	**Ethics and Technology - Responsible Innovation** Ethics and Technology - Responsible Innovation VL 4	**Legal Foundations of Logistics and Mobility** Legal Foundations of Transportation and Logistics VL 2 Legal Foundations of Transportation and Logistics HÜ 1
2						
3						
4			**Introduction to Economics** Introduction to Economics VL 2 Introduction to Economics HÜ 2			
5					**Traffic systems and handling technology** Traffic systems and handling technology VL 2 Traffic systems and handling technology GÜ 2	**Electrical Machines and Actuators** Electrical Machines and Actuators VL 3 Electrical Machines and Actuators HÜ 2
6						
7	**Mathematics I** Mathematics I VL 4 Mathematics I HÜ 2 Mathematics I GÜ 2	**Logistics Management** Logistics Economics PBL 3 Introduction into Production Logistics VL 2		**Management** Foundations of Management VL 2 Finance and Investment VL 2		
8						
9						
10			**Computer Science for Engineers - Introduction and Overview** Computer Science for Engineers - Introduction and Overview VL 3 Computer Science for Engineers - Introduction and Overview GÜ 2		**Project Course Logistics and Mobility**	**Technical Thermodynamics I** Technical Thermodynamics I VL 2 Technical Thermodynamics I HÜ 1 Technical Thermodynamics I GÜ 1
11						
12						
13				**IT applications for logistics and mobility** Introduction to Geoinformation Science PBL 3 IT applications for logistics and mobility VL 1 IT applications for logistics and mobility GÜ 2		
14						
15	**Engineering Mechanics I (Stereostatics)** Engineering Mechanics I VL 2 Engineering Mechanics I GÜ 2 Engineering Mechanics I HÜ 1	**Technical Logistics** Technical Logistics VL 3 Technical Logistics GÜ 2	**Project Management and Accounting** Foundations of project management VL 2 Foundations of cost and activity accounting VL 2		**Gamification of Strategic Thinking** Gamification of Strategic Thinking SE 4	**Bachelor Thesis**
16						
17						
18						
19				**Mobility Concepts** Mobility Research and Transportation Projects PBL 3 Mobility in Megacities and Developing Countries SE 3		
20						
21	**Introduction to Logistics and Mobility** Freight Traffic and Logistics VL 2 Freight Traffic and Logistics PBL 2 Introduction to Scientific Work VL 1	**Technical drawing and CAD (part 1)** Fundamentals of Technical Drawing VL 1 Fundamentals of Technical Drawing HÜ 1	**Transportation Planning and Traffic Engineering** Transport Planning and Traffic Engineering PBL 4		**Introduction to Control Systems** Introduction to Control Systems VL 2 Introduction to Control Systems GÜ 2	
22						
23						
24						
25				**Introduction to Transportation Economics** Introduction to Transportation Economics VL 3		
26						
27						
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.