

# Course of Study Engineering and Management - Major in Logistics and Mobility (Study Cohort w21)

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: Production Management and Processes	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	<b>Introduction to Logistics and Mobility</b>	<b>Mechanics II: Mechanics of Materials</b>	<b>Technical drawing and CAD (part 2)</b>	<b>Introduction to Operations Research and Statistics</b>	<b>Project Course Logistics and Mobility</b>
2	Freight Traffic and Logistics VL 2	Mechanics II VL 2	Introduction to CAD GÜ 2	Introduction to Statistics VL 2	<b>Legal Foundations of Logistics and Mobility</b>
3	Freight Traffic and Logistics PBL 2	Mechanics II GÜ 2		Introduction to Operations Research VL 2	Legal foundations for logistics and mobility VL 4
4	Introduction to Scientific Work VL 1	Mechanics II HÜ 2		Exercises to Introduction in Quantitative Methods in Logistics GÜ 2	
5			<b>Transportation Planning and Traffic Engineering</b>		
6			Transport Planning and Traffic Engineering PBL 4		
7	<b>Foundations of Management</b>	<b>Mathematics II</b>		<b>Management</b>	<b>Ethics and Technology</b>
8	Introduction to Management VL 3	Linear Algebra II VL 2		Foundations of Management VL 2	Technology Assessment VL 2
9	Management Tutorial GÜ 2	Linear Algebra II GÜ 1		Finance and Accounting VL 2	<b>Production Engineering (part 2)</b>
10		Linear Algebra II HÜ 1			Production Engineering II VL 2
11		Analysis II VL 2	<b>Introduction to Economics</b>		Production Engineering II HÜ 1
12		Analysis II HÜ 1	Introduction to Economics VL 2		<b>Electrical Machines and Actuators</b>
13		Analysis II GÜ 1	Introduction to Economics GÜ 2		Electrical Machines and Actuators VL 3
14	<b>Mathematics I</b>			<b>Project Management and Controlling</b>	Electrical Machines and Actuators HÜ 2
15	Linear Algebra I VL 2			Foundations of project management VL 2	
16	Linear Algebra I GÜ 1	<b>Logistics Management</b>		Foundations of Controlling VL 2	
17	Linear Algebra I HÜ 1	Logistics Economics PBL 3	<b>IT applications for logistics and mobility</b>		<b>Simulation of intra logistics</b>
18	Analysis I VL 2	Introduction into Production Logistics VL 2	IT applications for logistics and mobility VL 3		Simulation of intra logistics SE 4
19	Analysis I GÜ 1		IT applications for logistics and mobility GÜ 1		
20	Analysis I HÜ 1			<b>Fundamentals of Production and Quality Management</b>	
21		<b>Technical Logistics</b>		Production Process Organization VL 2	<b>Introduction to Control Systems</b>
22	Mechanics I VL 2	Technical Logistics VL 3		Quality Management VL 2	Introduction to Control Systems VL 2
23	Mechanics I GÜ 2	Technical Logistics GÜ 2	<b>Computer Science for Engineers - Introduction and Overview</b>		
24	Mechanics I HÜ 1		Computer Science for Engineers - Introduction and Overview VL 3		
25			Computer Science for Engineers - Introduction and Overview GÜ 2		
26				<b>Process Management</b>	
27		<b>Technical drawing and CAD (part 1)</b>		Basics of process management VL 2	
28		Fundamentals of Technical Drawing VL 1		Process management practice SE 2	
29		Fundamentals of Technical Drawing HÜ 1			
30					
31					
32					
33					
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.

