

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 A Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS)

Year	Specialisation: Production Management and Processes	Semester 3	Semester 4	Semester 5	Semester 6
	Form Hrs/wk	Form Hrs/wk	Form Hrs/wk	Form Hrs/wk	Form Hrs/wk
1	Introduction to Logistics and Mobility	Mechanics II: Mechanics of Materials	Technical drawing and CAD (part 2)	Introduction to Operations Research and Statistics	Project Course Logistics and Mobility
2	Freight Traffic and Logistics VL 2	Mechanics II VL 2	Introduction to CAD GÜ 2	Introduction to Statistics VL 2	Legal Foundations of Logistics and Mobility
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			Transportation Planning and Traffic Engineering		
6			Transport Planning and Traffic Engineering PBL 4		
7	Foundations of Management	Mathematics II	Management	Ethics and Technology	Production Engineering (part 2)
8	Introduction to Management VL 3	Linear Algebra II VL 2	Foundations of Management VL 2	Technology Assessment VL 2	Production Engineering II VL 2
9	Management Tutorial GÜ 2	Linear Algebra II GÜ 1	Finance and Accounting VL 2		Production Engineering II HÜ 1
10		Linear Algebra II HÜ 1		Production Engineering (part 1)	
11		Analysis II VL 2	Introduction to Economics	Production Engineering I VL 2	Logistics, Transport and Environment
12		Analysis II HÜ 1	Introduction to Economics VL 2	Production Engineering I HÜ 1	Transport Logistics PBL 2
13		Analysis II GÜ 1	Introduction to Economics GÜ 2		Environmental Management and Corporate Responsibility SE 2
14	Mathematics I			Business Administration and Enterprise Resource Planning: CERMEDES AG	
15	Linear Algebra I VL 2	Logistics Management	Project Management and Controlling	Business Administration and Enterprise Resource Planning: CERMEDES AG SE 2	
16	Linear Algebra I GÜ 1	Logistics Economics PBL 3	Foundations of project management VL 2	Business Administration and Enterprise Resource Planning: CERMEDES AG VL 2	
17	Linear Algebra I HÜ 1	Introduction into Production Logistics VL 2	Foundations of Controlling VL 2		Logistics Service Provider Management
18	Analysis I VL 2			Logistical systems - Industry 4.0	Logistics Service Provider Management SE 3
19	Analysis I GÜ 1		IT applications for logistics and mobility	Logistics systems - Industry 4.0 SE 4	
20	Analysis I HÜ 1		IT applications for logistics and mobility VL 3		
21			IT applications for logistics and mobility GÜ 1	Fundamentals of Production and Quality Management	
22	Mechanics I (Statics)	Technical Logistics		Production Process Organization VL 2	
23	Mechanics I VL 2	Technical Logistics VL 3	Computer Science for Engineers - Introduction and Overview	Quality Management VL 2	
24	Mechanics I GÜ 2	Technical Logistics GÜ 2	Computer Science for Engineers - Introduction and Overview VL 3		Bachelor Thesis
25	Mechanics I HÜ 1		Computer Science for Engineers - Introduction and Overview GÜ 2		
26				Process Management	
27		Technical drawing and CAD (part 1)		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.

