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

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

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk	Semester 5	Form	Hrs/wk	Semester 6	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**			**Legal Foundations of 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 for logistics and mobility	VL	4
3	Freight Traffic and Logistics	PBL	2	Mechanics II	GÜ	2				Introduction to Operations Research	VL	2						
4	Introduction to Scientific Work	VL	1	Mechanics II	HÜ	2	**Transportation Planning and Traffic Engineering**			Exercises to Introduction in Quantitative Methods in Logistics	GÜ	2						
5							Transport Planning and Traffic Engineering	PBL	4									
6																		
7	**Foundations of Management**			**Mathematics II**						**Management**			**Ethics and Technology**			**Stochastics**		
8	Introduction to Management	VL	3	Linear Algebra II	VL	2				Foundations of Management	VL	2	Technology Assessment	VL	2	Stochastics	VL	2
9	Management Tutorial	GÜ	2	Linear Algebra II	GÜ	1				Finance and Accounting	VL	2				Stochastics	GÜ	2
10				Linear Algebra II	HÜ	1							**Mathematics III**					
11				Analysis II	VL	2	**Introduction to Economics**						Analysis III	VL	2			
12				Analysis II	HÜ	1	Introduction to Economics	VL	2				Analysis III	GÜ	1			
13	**Mathematics I**			Analysis II	GÜ	1	Introduction to Economics	GÜ	2	**Project Management and Controlling**			Analysis III	HÜ	1	**Process Management**		
14	Linear Algebra I	VL	2							Foundations of project management	VL	2	Differential Equations 1	VL	2	Basics of process management	VL	2
15	Linear Algebra I	GÜ	1	**Logistics Management**						Foundations of Controlling	VL	2	Differential Equations 1	GÜ	1	Process management practice	SE	2
16	Linear Algebra I	HÜ	1	Logistics Economics	PBL	3	**IT applications for logistics and mobility**						Differential Equations 1	HÜ	1			
17	Analysis I	VL	2	Introduction into Production Logistics	VL	2	IT applications for logistics and mobility	VL	3									
18	Analysis I	GÜ	1				IT applications for logistics and mobility	GÜ	1				**Automation in logistics**					
19	Analysis I	HÜ	1							**Computer Science for Engineers - Programming Concepts, Data Handling & Communication**			Automation in logistics - seminar	SE	2	**Bachelor Thesis**		
20										Computer Science for Engineers - Programming Concepts, Data Handling & Communication	VL	3	Automation in logistics - Lab	PBL	2			
21	**Mechanics I (Statics)**			**Technical Logistics**						Computer Science for Engineers - Programming Concepts, Data Handling & Communication	GÜ	2						
22	Mechanics I	VL	2	Technical Logistics	VL	3	**Computer Science for Engineers - Introduction and Overview**											
23	Mechanics I	GÜ	2	Technical Logistics	GÜ	2	Computer Science for Engineers - Introduction and Overview	VL	3				**Business Administration and Enterprise Resource Planning: CERMEDES AG**					
24	Mechanics I	HÜ	1				Computer Science for Engineers - Introduction and Overview	GÜ	2				Business Administration and Enterprise Resource Planning: CERMEDES AG	SE	2			
25										**Simulation of intra logistics**			Business Administration and Enterprise Resource Planning: CERMEDES AG	VL	2			
26										Simulation of intra logistics	SE	4						
27				**Technical drawing and CAD (part 1)**														
28				Fundamentals of Technical Drawing	VL	1												
29				Fundamentals of Technical Drawing	HÜ	1												
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.