Course of Study Engineering and Management - Major in Logistics and Mobility (Study Cohort w22)

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

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