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

Sample course plan A Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS) Dual study program
Specialisation Information Technology

Legend:

Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

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	**Practical module 5 (dual study program, Bachelor's degree)**			Stochastics	GÜ	2
10													Practical term 5		0			
11																		
12																		
13	**Mathematics I**			**Technical Logistics**			**IT applications for logistics and mobility**			**Project Management and Controlling**						**Process Management**		
14	Mathematics I	VL	4	Technical Logistics	VL	3	IT applications for logistics and mobility	VL	3	Foundations of project management	VL	2	**Mathematics III**			Basics of process management	VL	2
15	Mathematics I	HÜ	2	Technical Logistics	GÜ	2	IT applications for logistics and mobility	GÜ	1	Foundations of Controlling	VL	2	Analysis III	VL	2	Process management practice	SE	2
16	Mathematics I	GÜ	2										Analysis III	GÜ	1			
17													Analysis III	HÜ	1			
18													Differential Equations 1	VL	2			
19													Differential Equations 1	GÜ	1			
20													Differential Equations 1	HÜ	1	**Bachelor thesis (dual study program)**		
21	**Practical module 1 (dual study program, Bachelor's degree)**			**Technical drawing and CAD (part 1)**			**Computer Science for Engineers - Introduction and Overview**			**Practical module 4 (dual study program, Bachelor's degree)**								
22	Practical term 1		0	Fundamentals of Technical Drawing	VL	1	Computer Science for Engineers - Introduction and Overview	VL	3	Practical term 4		0	**Automation in logistics**					
23				Fundamentals of Technical Drawing	HÜ	1	Computer Science for Engineers - Introduction and Overview	GÜ	2				Automation in logistics - seminar	SE	2			
24				**Practical module 2 (dual study program, Bachelor's degree)**									Automation in logistics - Lab	PBL	2			
25				Practical term 2		0	**Practical module 3 (dual study program, Bachelor's degree)**			**Computer Science for Engineers - Programming Concepts, Data Handling & Communication**								
26							Practical term 3		0	Computer Science for Engineers - Programming Concepts, Data Handling & Communication	VL	3	**Business Administration and Enterprise Resource Planning: CERMEDES AG**					
27	**Engineering Mechanics I (Stereostatics)**									Computer Science for Engineers - Programming Concepts, Data Handling & Communication	GÜ	2	Business Administration and Enterprise Resource Planning: CERMEDES AG	SE	2			
28	Engineering Mechanics I	VL	2	**Engineering Mechanics II (Elastostatics)**						**Simulation of intra logistics**			Business Administration and Enterprise Resource Planning: CERMEDES AG	VL	2			
29	Engineering Mechanics I	GÜ	2	Engineering Mechanics II	VL	2				Simulation of intra logistics	SE	4						
30	Engineering Mechanics I	HÜ	1	Engineering Mechanics II	GÜ	2												
31				Engineering Mechanics II	HÜ	2												
32																		
33																		
34																		
35																		
36																		

Linking theory and practice (dual study program, Bachelor's degree) (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.