Course of Study Engineering and Management - Major in Logistics and Mobility (Study Cohort w23)

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

#						
1	**Foundations of Management**	**Mathematics II**	**Technical drawing and CAD (part 2)**	**Introduction to Operations Research and Statistics**	**Ethics and Technology - Responsible Innovation**	**Legal Foundations of Logistics and Mobility**
2	Introduction to Management — VL 3	Mathematics II — VL 4	Introduction to CAD — GÜ 2	Introduction to Statistics — VL 2	Ethics and Technology - Responsible Innovation — VL 4	Legal Foundations of Transportation and Logistics — VL 2
3	Management Tutorial — GÜ 2	Mathematics II — HÜ 2		Introduction to Operations Research — VL 2		Legal Foundations of Transportation and Logistics — HÜ 1
4		Mathematics II — GÜ 2	**Introduction to Economics**	Exercises to Introduction in Quantitative — GÜ 2		
5			Introduction to Economics — VL 2	Methods in Logistics	**Mathematics III**	**Stochastics**
6			Introduction to Economics — HÜ 2		Analysis III — VL 2	Stochastics — VL 2
7	**Mathematics I**				Analysis III — GÜ 1	Stochastics — GÜ 2
8	Mathematics I — VL 4			**Management**	Analysis III — HÜ 1	
9	Mathematics I — HÜ 2			Foundations of Management — VL 2	Differential Equations 1 — VL 2	
10	Mathematics I — GÜ 2	**Logistics Management**		Finance and Investment — VL 2	Differential Equations 1 — GÜ 1	
11		Logistics Economics — PBL 3	**Computer Science for Engineers - Introduction and Overview**		Differential Equations 1 — HÜ 1	**Bachelor Thesis**
12		Introduction into Production Logistics — VL 2				
13			Computer Science for Engineers - Introduction and Overview — VL 3			
14				**IT applications for logistics and mobility**	**Automation in logistics**	
15	**Engineering Mechanics I (Stereostatics)**	**Technical Logistics**	Computer Science for Engineers - Introduction and Overview — GÜ 2	Introduction to Geoinformation Science — PBL 3	Automation in logistics - seminar — SE 2	
16	Engineering Mechanics I — VL 2	Technical Logistics — VL 3		IT applications for logistics and mobility — VL 1	Automation in logistics - Lab — PBL 2	
17	Engineering Mechanics I — GÜ 2	Technical Logistics — GÜ 2		IT applications for logistics and mobility — GÜ 2		
18	Engineering Mechanics I — HÜ 1		**Project Management and Accounting**			
19			Foundations of project management — VL 2	**Computer Science for Engineers - Programming Concepts, Data Handling & Communication**	**Business Administration and Enterprise Resource Planning: CERMEDES AG**	
20			Foundations of cost and activity accounting — VL 2	Computer Science for Engineers - Programming Concepts, Data Handling & Communication — VL 3	Business Administration and Enterprise Resource Planning: CERMEDES AG — SE 2	
21	**Introduction to Logistics and Mobility**	**Technical drawing and CAD (part 1)**				
22	Freight Traffic and Logistics — VL 2	Fundamentals of Technical Drawing — VL 1	**Transportation Planning and Traffic Engineering**	Computer Science for Engineers - Programming Concepts, Data Handling & Communication — GÜ 2	Business Administration and Enterprise Resource Planning: CERMEDES AG — VL 2	
23	Freight Traffic and Logistics — PBL 2	Fundamentals of Technical Drawing — HÜ 1	Transport Planning and Traffic Engineering — PBL 4			
24	Introduction to Scientific Work — VL 1					
25		**Engineering Mechanics II (Elastostatics)**		**Simulation of intra logistics**	**Project Seminar WILUM**	
26		Engineering Mechanics II — VL 2		Simulation of intra logistics — SE 4	Project Seminar WILUM — SE 3	
27		Engineering Mechanics II — GÜ 2				
28		Engineering Mechanics II — HÜ 2				
29						
30						
31					**Process Management**	
32					Basics of process management — VL 2	
33					Process management practice — SE 2	
34						
35						
36						

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.