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

Sample course plan B Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS)
Specialisation Traffic Planning and Systems

	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 GÜ 2		
5			Transport Planning and Traffic Engineering PBL 4	Methods in Logistics		
6						
7	**Foundations of Management**	**Mathematics II**		**Management**	**Ethics and Technology**	**Logistics, Transport and Environment**
8	Introduction to Management VL 3	Linear Algebra II VL 2		Foundations of Management VL 2	Technology Assessment VL 2	Transport Logistics PBL 2
9	Management Tutorial GÜ 2	Linear Algebra II GÜ 1		Finance and Accounting VL 2		Environmental Management and Corporate SE 2
10		Linear Algebra II HÜ 1			**Traffic systems and handling technology**	Responsibilty
11		Analysis II VL 2	**Introduction to Economics**		Traffic systems and handling technology VL 2	
12		Analysis II HÜ 1	Introduction to Economics VL 2		Traffic systems and handling technology GÜ 2	
13		Analysis II GÜ 1	Introduction to Economics GÜ 2	**Project Management and Controlling**		**Planning Law and Environmental Law/ Sustainable Urban Development**
14	**Mathematics I**			Foundations of project management VL 2		
15	Linear Algebra I VL 2			Foundations of Controlling VL 2		Planning law and Environmental law VL 2
16	Linear Algebra I GÜ 1	**Logistics Management**			**Business Administration and Enterprise Resource Planning: CERMEDES AG**	Sustainable Urban Development VL 2
17	Linear Algebra I HÜ 1	Logistics Economics PBL 3	**IT applications for logistics and mobility**		Business Administration and Enterprise Resource SE 2	
18	Analysis I VL 2	Introduction into Production Logistics VL 2	IT applications for logistics and mobility VL 3		Planning: CERMEDES AG	
19	Analysis I GÜ 1		IT applications for logistics and mobility GÜ 1	**Mobility Concepts**	Business Administration and Enterprise Resource VL 2	**Bachelor Thesis**
20	Analysis I HÜ 1			Mobility Research and Transportation Projects PBL 3	Planning: CERMEDES AG	
21				Mobility in Megacities and Developing Countries SE 3		
22	**Mechanics I (Statics)**	**Technical Logistics**	**Computer Science for Engineers - Introduction and Overview**		**Geotechnics I**	
23	Mechanics I VL 2	Technical Logistics VL 3			Soil Mechanics VL 2	
24	Mechanics I GÜ 2	Technical Logistics GÜ 2	Computer Science for Engineers - Introduction VL 3		Soil Mechanics HÜ 2	
25	Mechanics I HÜ 1		and Overview		Soil Mechanics GÜ 2	
26			Computer Science for Engineers - Introduction GÜ 2	**Introduction to Transportation Economics**		
27			and Overview	Introduction to Transportation Economics VL 3		
28		**Technical drawing and CAD (part 1)**				
29		Fundamentals of Technical Drawing VL 1				
30		Fundamentals of Technical Drawing HÜ 1				

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.