

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

Sample course plan B Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS) Dual study program

Legend:

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

Specialisation	Traffic Planning and Systems	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		Exercises to Introduction in Quantitative GÜ 2						
5															Methods in Logistics						
6																					
7	Foundations of Management	Logistics Management		Introduction to Economics		Management		Ethics and Technology		Logistics, Transport and Environment											
8	Introduction to Management VL 3											Logistics Economics PBL 3	Introduction to Economics VL 2		Foundations of Management VL 2	Technology Assessment VL 2	Transport Logistics PBL 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)	Environmental Management and Corporate Responsibility SE 2					
10																Practical term 5 0					
11																					
12																					
13	Mathematics I	Technical Logistics		IT applications for logistics and mobility		Project Management and Controlling		Traffic systems and handling technology		Planning Law and Environmental Law/ Sustainable Urban Development											
14	Mathematics I VL 4											Technical Logistics VL 3	IT applications for logistics and mobility VL 3	Foundations of project management VL 2		Traffic systems and handling technology VL 2	Planning law and Environmental law VL 2				
15	Mathematics I HÜ 2											Technical Logistics GÜ 2	IT applications for logistics and mobility GÜ 1	Foundations of Controlling VL 2	GÜ 2		Sustainable Urban Development VL 2				
16	Mathematics I GÜ 2																				
17																					
18																					
19																					
20										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)		Business Administration and Enterprise Resource Planning: CERMEDES AG													
22	Practical term 1 0										Fundamentals of Technical Drawing VL 1	Computer Science for Engineers - Introduction and Overview VL 3	Mobility Research and Transportation Projects PBL 3	Mobility in Megacities and Developing Countries SE 3	Geotechnics I	Business Administration and Enterprise Resource SE 2					
23											Fundamentals of Technical Drawing HÜ 1	Computer Science for Engineers - Introduction and Overview GÜ 2					Soil Mechanics VL 2	Soil Mechanics HÜ 2	Soil Mechanics GÜ 2	Planning: CERMEDES AG	
24												Computer Science for Engineers - Introduction and Overview									Introduction to Transportation Economics VL 3
25												Computer Science for Engineers - Introduction and Overview									
26											Practical term 2 0										
27	Engineering Mechanics I (Stereostatics)	Engineering Mechanics II (Elastostatics)		Practical module 3 (dual study program, Bachelor's degree)			Business Administration and Enterprise Resource VL 2														
28	Engineering Mechanics I VL 2							Engineering Mechanics II VL 2	Practical term 3 0												
29	Engineering Mechanics I GÜ 2							Engineering Mechanics II GÜ 2													
30	Engineering Mechanics I HÜ 1							Engineering Mechanics II HÜ 2													
31																					
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.

