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

Core Qualification Compulsory

Specialisation Compulsory

Focus Compulsory

Thesis Compulsory

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

Foundations of Management Introduction to Management VL 3 Management Tutorial GÜ 2	Mathematics II     VL     4       Mathematics II     H0     2       Mathematics II     GÛ     2	Technical drawing and CAD (part 2) Introduction to CAD GÜ 2 Introduction to Economics	Introduction to Operations Research and Statistics     VL     2       Introduction to Statistics     VL     2       Introduction to Operations Research     VL     2       Exercises to Introduction in Quantitative     GÜ     2       Methods in Logistics     VL     1	Ethics and Technology - Responsible Innovation Ethics and Technology - Responsible Innovation VL 4	Legal Foundations of Logistics and Mobility Legal Foundations of Transportation and Logistics VL Legal Foundations of Transportation and Logistics HÜ
		Introduction to Economics       VL       2         Introduction to Economics       HÜ       2         Computer Science for Engineers - Introduction and Overview       VL       3         Computer Science for Engineers - Introduction       VL       3         Computer Science for Engineers - Introduction       GÜ       2         Project Management and Accountion       VL       3		Practical module 5 (dual study program, Bachelor's degree) Practical term 5 0	Stochastics Stochastics VL Stochastics GÜ
Mathematics I       VL       4         Mathematics I       HÜ       2         Mathematics I       GÜ       2         Mathematics I       GÜ       2	Logistics Management           Logistics Economics         PBL         3           Introduction into Production Logistics         VL         2		Management     VL     2       Finance and Investment     VL     2		
				Mathematics III       VL       2         Analysis III       GÜ       1         Analysis III       HÜ       1         Differential Equations 1       VL       2         Differential Equations 1       GÜ       1         Differential Equations 1       HÜ       1	Machine Learning I VL Machine Learning I VL Machine Learning I GÜ Bachelor thesis (dual study program)
Practical module 1 (dual study program, Bachelor's	Technical Logistics		IT applications for logistics and mobility       PBL       3         Introduction to Geoinformation Science       PBL       1         IT applications for logistics and mobility       VL       1         IT applications for logistics and mobility       GÜ       2		
Practical module 1 (dual study program, bachelor s degree) Practical term 1	Technical Logistics     VL 3       al term 1     0       Technical Logistics     GÜ 2				
			Practical module 4 (dual study program, Bachelor's degree) Practical term 4 0	Automation in logistics         SE         2           Automation in logistics - Lab         PBL         2	
Engineering Mechanics I GÜ	ring Mechanics I VL 2 ring Mechanics I G0 2 ring Mechanics I H0 1 H0 1 H0 1 Traffic and Logistics VL 2 Traffic and Logistics VL 2 Traff	Practical module 3 (dual study program, Bachelor's degree)         Practical term 3       0         Transportation Planning and Traffic Engineering       0         Transport Planning and Traffic Engineering       PBL       4			
=			Computer Science for Engineers - Programming           Concepts, Data Handling & Communication           Computer Science for Engineers - Programming         VL         3           Concepts, Data Handling & Communication         Omputer Science for Engineers - Programming         GÜ         2           Concepts, Data Handling & Communication         GÜ         2         2	Project Course Logistics and Mobility	
Freight Traffic and Logistics PBL					
			Graph Theory and Optimization         VL         2           Graph Theory and Optimization         VL         2           Graph Theory and Optimization         GU         2	Gamification of Strategic Thinking Gamification of Strategic Thinking SE 4	

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.