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

Core Qualification Compulsory

Specialisation Compulsory

Focus Compulsory

Thesis Compulsory

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

study _l	program Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Interdisciplinary complement Interdisciplinary complement					
Specia	lisation ₁ Production Management ₁ an	Processes Form Hrs/w	k Semester 3 Form Hrs/wk	Semester 4 Form Hrs/wk	Semester 5 Form Hrs/	wk Semester 6 Form Hrs/wk
1 2 3 4 5 6	Introduction to Logistics and Mobility Freight Traffic and Logistics VL 2 Freight Traffic and Logistics PBL 2 Introduction to Scientific Work VL 1	Mathematics II VL 4 Mathematics II VL 4 Mathematics II HÜ 2 Mathematics II GÜ 2	Technical drawing and CAD (part 2) GÜ 2 Introduction to CAD GÜ 2 Transportation Planning and Traffic Engineering PBL 4	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 SU 2	Project Course Logistics and Mobility	Legal Foundations of Logistics and Mobility Legal foundations for logistics and mobility VL 4
7 8 9	Foundations of Management VL 3 Introduction to Management VL 3 Management Tutorial GÜ 2	Logistics Management		Management Foundations of Management VL 2 Finance and Accounting VL 2	Ethics and Technology Technology Assessment VL 2 Practical module 5 (dual study program, Bachelor's denumb)	Production Engineering (part 2) Production Engineering II VL 2 Production Engineering II HÜ 1
10 11 12		Logistics Economics PBL 3 Introduction into Production Logistics VL 2	Introduction to Economics VL 2 Introduction to Economics GÜ 2 Introduction to Economics GÜ 2		degree) Practical term 5 0	Logistics, Transport and Environment Transport Logistics PBL 2 Environmental Management and Corporate SE 2 Responsibility
14 15	Mathematics I VL 4 Mathematics I HÜ 2 Mathematics I GÜ 2	Technical Logistics		Foundations of project management VL 2 Foundations of controlling VL 2	Production Engineering (part 1)	
16 17 18		Technical Logistics VL 3 Technical Logistics GÛ 2	IT applications for logistics and mobility VL 3 IT applications for logistics and mobility GŨ 1		Production Engineering I VL 2 Production Engineering I HŪ 1 Business Administration and Enterprise Resource	Logistics Service Provider Management Logistics Service Provider Management SE 3
19 20 21	Practical module 1 (dual study program Bachelor's	Technical drawing and CAD (part 1)	_	Practical module 4 (dual study program, Bachelor's degree) Practical term 4 0	Planning: CERMEDES AG Business Administration and Enterprise Resource SE 2 Planning: CERMEDES AG Business Administration and Enterprise Resource VL 2	
22 23	degree) Practical term 1 0	Fundamentals of Technical Drawing VL 1 Fundamentals of Technical Drawing HÜ 1	Computer Science for Engineers - Introduction and Overview Computer Science for Engineers - Introduction VL 3		Planning: CERMEDES AG	Bachelor thesis (dual study program)
24 25 26 27	Engineering Mechanics I (Stereostatics)	Practical module 2 (dual study program, Bachelor's degree) Practical term 2 0	and Overview Computer Science for Engineers - Introduction GÜ 2 and Overview	Fundamentals of Production and Quality Management VL 2 Production Process Organization VL 2 Quality Management VL 2	Logistical systems - Industry 4.0 SE 4	
28 29	Engineering Mechanics I VL 2 Engineering Mechanics I GÜ 2 Engineering Mechanics I HÜ 1		Practical module 3 (dual study program, Bachelor's degree) Practical term 3 0			
30 31 32 33		Engineering Mechanics II (Elastostatics) Engineering Mechanics II VL 2 Engineering Mechanics II GÜ 2 Engineering Mechanics II HÜ 2		Process Management VL 2 Basics of process management practice SE 2		
34 35 36						
	Linking theory and practice (dual study pro	gram, Bachelor's degree) (from catalogue) - 6Ll				
	Technical Complementary Course for Logist	ics 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.