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

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

Specialisation Production Management and Processes

Legend:

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

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1	**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** Mathematics II VL 4 Mathematics II HÜ 2 Mathematics II GÜ 2	**Technical drawing and CAD (part 2)** Introduction to CAD GÜ 2	**Introduction to Operations Research and Statistics** Introduction to Statistics VL 2 Introduction to Operations Research VL 2 Exercises to Introduction in Quantitative Methods in Logistics GÜ 2	**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 2 Legal Foundations of Transportation and Logistics HÜ 1
2						
3						
4			**Introduction to Economics** Introduction to Economics VL 2 Introduction to Economics HÜ 2			
5					**Practical module 5 (dual study program, Bachelor's degree)** Practical term 5 0	**Electrical Machines and Actuators** Electrical Machines and Actuators VL 3 Electrical Machines and Actuators HÜ 2
6						
7	**Foundations of Management** Introduction to Management VL 3 Management Tutorial GÜ 2	**Logistics Management** Logistics Economics PBL 3 Introduction into Production Logistics VL 2	**Computer Science for Engineers - Introduction and Overview** Computer Science for Engineers - Introduction and Overview VL 3 Computer Science for Engineers - Introduction and Overview GÜ 2	**Management** Foundations of Management VL 2 Finance and Investment VL 2	**Process Management** Basics of process management VL 2 Process management practice SE 2	**Simulation of intra logistics** Simulation of intra logistics SE 4
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13	**Mathematics I** Mathematics I VL 4 Mathematics I HÜ 2 Mathematics I GÜ 2	**Technical Logistics** Technical Logistics VL 3 Technical Logistics GÜ 2	**Project Management and Accounting** Foundations of project management VL 2 Foundations of cost and activity accounting VL 2	**IT applications for logistics and mobility** Introduction to Geoinformation Science PBL 3 IT applications for logistics and mobility VL 1 IT applications for logistics and mobility GÜ 2	**Project Course Logistics and Mobility**	**Bachelor thesis (dual study program)**
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21	**Practical module 1 (dual study program, Bachelor's degree)** Practical term 1 0	**Technical drawing and CAD (part 1)** Fundamentals of Technical Drawing VL 1 Fundamentals of Technical Drawing HÜ 1		**Practical module 4 (dual study program, Bachelor's degree)** Practical term 4 0		
22						
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24		**Practical module 2 (dual study program, Bachelor's degree)** Practical term 2 0	**Practical module 3 (dual study program, Bachelor's degree)** Practical term 3 0		**Gamification of Strategic Thinking** Gamification of Strategic Thinking SE 4	
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26						
27	**Engineering Mechanics I (Stereostatics)** Engineering Mechanics I VL 2 Engineering Mechanics I GÜ 2 Engineering Mechanics I HÜ 1			**Production Engineering** Production Engineering I VL 2 Production Engineering II VL 2 Production Engineering II HÜ 1 Production Engineering I HÜ 1		
28						
29			**Transportation Planning and Traffic Engineering** Transport Planning and Traffic Engineering PBL 4		**Introduction to Control Systems** Introduction to Control Systems VL 2 Introduction to Control Systems GÜ 2	
30						
31				**Fundamentals of Production and Quality Management** Production Process Organization VL 2 Quality Management VL 2		
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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.