

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

Sample course plan C 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 Production Management and Processes

1	<b>Foundations of Management</b> Introduction to Management VL 3 Management Tutorial GÜ 2	<b>Mathematics II</b> Mathematics II VL 4 Mathematics II HÜ 2 Mathematics II GÜ 2	<b>Technical drawing and CAD (part 2)</b> Introduction to CAD GÜ 2	<b>Introduction to Operations Research and Statistics</b> Introduction to Statistics VL 2 Introduction to Operations Research VL 2 Exercises to Introduction in Quantitative Methods in Logistics GÜ 2	<b>Ethics and Technology - Responsible Innovation</b> Ethics and Technology - Responsible Innovation VL 4	<b>Legal Foundations of Logistics and Mobility</b> Legal Foundations of Transportation and Logistics VL 2 Legal Foundations of Transportation and Logistics HÜ 1
2						
3						
4						
5						
6						
7	<b>Mathematics I</b> Mathematics I VL 4 Mathematics I HÜ 2 Mathematics I GÜ 2	<b>Logistics Management</b> Logistics Economics PBL 3 Introduction into Production Logistics VL 2	<b>Introduction to Economics</b> Introduction to Economics VL 2 Introduction to Economics HÜ 2	<b>Management</b> Foundations of Management VL 2 Finance and Investment VL 2	<b>Practical module 5 (dual study program, Bachelor's degree)</b> Practical term 5 0	<b>Electrical Machines and Actuators</b> Electrical Machines and Actuators VL 3 Electrical Machines and Actuators HÜ 2
8						
9						
10						
11						
12						
13	<b>Computer Science for Engineers - Introduction and Overview</b> Computer Science for Engineers - Introduction and Overview VL 3 Computer Science for Engineers - Introduction and Overview GÜ 2	<b>Project Management and Accounting</b> Foundations of project management VL 2 Foundations of cost and activity accounting VL 2	<b>IT applications for logistics and mobility</b> Introduction to Geoinformation Science PBL 3 IT applications for logistics and mobility VL 1 IT applications for logistics and mobility GÜ 2	<b>Process Management</b> Basics of process management VL 2 Process management practice SE 2	<b>Simulation of intra logistics</b> Simulation of intra logistics SE 4	
14						
15						
16						
17						
18						
19	<b>Practical module 1 (dual study program, Bachelor's degree)</b> Practical term 1 0	<b>Technical Logistics</b> Technical Logistics VL 3 Technical Logistics GÜ 2	<b>Practical module 4 (dual study program, Bachelor's degree)</b> Practical term 4 0	<b>Project Course Logistics and Mobility</b>	<b>Bachelor thesis (dual study program)</b>	
20						
21						
22						
23						
24						
25	<b>Engineering Mechanics I (Stereostatics)</b> Engineering Mechanics I VL 2 Engineering Mechanics I GÜ 2 Engineering Mechanics I HÜ 1	<b>Technical drawing and CAD (part 1)</b> Fundamentals of Technical Drawing VL 1 Fundamentals of Technical Drawing HÜ 1	<b>Practical module 3 (dual study program, Bachelor's degree)</b> Practical term 3 0	<b>Production Engineering</b> Production Engineering I VL 2 Production Engineering II VL 2 Production Engineering II HÜ 1 Production Engineering I HÜ 1	<b>Gamification of Strategic Thinking</b> Gamification of Strategic Thinking SE 4	
26						
27						
28						
29						
30						
31	<b>Introduction to Logistics and Mobility</b> Freight Traffic and Logistics VL 2 Freight Traffic and Logistics PBL 2 Introduction to Scientific Work VL 1	<b>Transportation Planning and Traffic Engineering</b> Transport Planning and Traffic Engineering PBL 4	<b>Fundamentals of Production and Quality Management</b> Production Process Organization VL 2 Quality Management VL 2	<b>Introduction to Control Systems</b> Introduction to Control Systems VL 2 Introduction to Control Systems GÜ 2		
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.

