

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

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

Specialisation Production Management and Processes													
1	Foundations of Management Introduction to Management VL 3 Management Tutorial GÜ 2		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		
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7	Mathematics I Mathematics I VL 4 Mathematics I HÜ 2 Mathematics I 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		Logistics, Transport and Environment Logistics, Transport and Environment PBL 2 Environmental Management and Corporate Responsibility SE 2		
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15	Engineering Mechanics I (Stereostatics) Engineering Mechanics I VL 2 Engineering Mechanics I GÜ 2 Engineering Mechanics I HÜ 1		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		Business Administration and Enterprise Resource Planning: CERMEDES AG Business Administration and Enterprise Resource Planning: CERMEDES AG SE 2 Planning: CERMEDES AG Business Administration and Enterprise Resource Planning: CERMEDES AG VL 2 Planning: CERMEDES AG		Logistics Service Provider Management Logistics Service Provider Management SE 3		
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21	Introduction to Logistics and Mobility Freight Traffic and Logistics VL 2 Freight Traffic and Logistics PBL 2 Introduction to Scientific Work VL 1		Technical drawing and CAD (part 1) Fundamentals of Technical Drawing VL 1 Fundamentals of Technical Drawing HÜ 1		Transportation Planning and Traffic Engineering Transport Planning and Traffic Engineering PBL 4		Production Engineering Production Engineering I VL 2 Production Engineering II VL 2 Production Engineering II HÜ 1 Production Engineering I HÜ 1		Project Seminar WILUM Project Seminar WILUM SE 3		Bachelor Thesis		
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27	Engineering Mechanics II (Elastostatics) Engineering Mechanics II VL 2 Engineering Mechanics II GÜ 2 Engineering Mechanics II HÜ 2						Fundamentals of Production and Quality Management Production Process Organization VL 2 Quality Management VL 2		Logistical systems - Industry 4.0 Logistics systems - Industry 4.0 SE 4				
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Non-technical Courses for Bachelors (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.

