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

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

Specialisation Production Management and Processes

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1	**Introduction to Logistics and Mobility**	**Mathematics II**	**Technical drawing and CAD (part 2)**	**Introduction to Operations Research and Statistics**	**Ethics and Technology - Responsible Innovation**	**Legal Foundations of Logistics and Mobility**
2	Freight Traffic and Logistics — VL 2	Mathematics II — VL 4	Introduction to CAD — GÜ 2	Introduction to Statistics — VL 2	Ethics and Technology - Responsible Innovation — VL 4	Legal Foundations of Transportation and Logistics — VL 2
3	Freight Traffic and Logistics — PBL 2	Mathematics II — HÜ 2		Introduction to Operations Research — VL 2		Legal Foundations of Transportation and Logistics — HÜ 1
4	Introduction to Scientific Work — VL 1	Mathematics II — GÜ 2	**Introduction to Economics**	Exercises to Introduction in Quantitative — GÜ 2		
5			Introduction to Economics — VL 2	Methods in Logistics	**Practical module 5 (dual study program, Bachelor's degree)**	**Logistics, Transport and Environment**
6			Introduction to Economics — HÜ 2		Practical term 5 — 0	Logistics, Transport and Environment — PBL 2
7	**Foundations of Management**			**Management**		Environmental Management and Corporate Responsibility — SE 2
8	Introduction to Management — VL 3			Foundations of Management — VL 2		
9	Management Tutorial — GÜ 2	**Logistics Management**		Finance and Investment — VL 2		
10		Logistics Economics — PBL 3	**Computer Science for Engineers - Introduction and Overview**			
11		Introduction into Production Logistics — VL 2	Computer Science for Engineers - Introduction and Overview — VL 3		**Process Management**	**Logistics Service Provider Management**
12			Computer Science for Engineers - Introduction and Overview — GÜ 2		Basics of process management — VL 2	Logistics Service Provider Management — SE 3
13	**Mathematics I**			**IT applications for logistics and mobility**	Process management practice — SE 2	
14	Mathematics I — VL 4			Introduction to Geoinformation Science — PBL 3		
15	Mathematics I — HÜ 2	**Technical Logistics**		IT applications for logistics and mobility — VL 1		
16	Mathematics I — GÜ 2	Technical Logistics — VL 3		IT applications for logistics and mobility — GÜ 2		
17		Technical Logistics — GÜ 2	**Project Management and Accounting**		**Business Administration and Enterprise Resource Planning: CERMEDES AG**	**Bachelor thesis (dual study program)**
18			Foundations of project management — VL 2		Business Administration and Enterprise Resource Planning: CERMEDES AG — SE 2	
19			Foundations of cost and activity accounting — VL 2	**Practical module 4 (dual study program, Bachelor's degree)**	Business Administration and Enterprise Resource Planning: CERMEDES AG — VL 2	
20				Practical term 4 — 0		
21	**Practical module 1 (dual study program, Bachelor's degree)**	**Technical drawing and CAD (part 1)**				
22	Practical term 1 — 0	Fundamentals of Technical Drawing — VL 1	**Practical module 3 (dual study program, Bachelor's degree)**		**Project Seminar WILUM**	
23		Fundamentals of Technical Drawing — HÜ 1	Practical term 3 — 0		Project Seminar WILUM — SE 3	
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25		**Practical module 2 (dual study program, Bachelor's degree)**		**Production Engineering**		
26		Practical term 2 — 0		Production Engineering I — VL 2		
27	**Engineering Mechanics I (Stereostatics)**			Production Engineering II — VL 2		
28	Engineering Mechanics I — VL 2		**Transportation Planning and Traffic Engineering**	Production Engineering II — HÜ 1		
29	Engineering Mechanics I — GÜ 2		Transport Planning and Traffic Engineering — PBL 4	Production Engineering I — HÜ 1	**Logistical systems - Industry 4.0**	
30	Engineering Mechanics I — HÜ 1				Logistics systems - Industry 4.0 — SE 4	
31		**Engineering Mechanics II (Elastostatics)**		**Fundamentals of Production and Quality Management**		
32		Engineering Mechanics II — VL 2		Production Process Organization — VL 2		
33		Engineering Mechanics II — GÜ 2		Quality Management — VL 2		
34		Engineering Mechanics II — HÜ 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.