Course of Study Engineering and Management - Major in Logistics and Mobility (Study Cohort w21)

Core Qualification Compulsory Specialisation Compulsory Focus Compulsory Thesis Compulsory Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Interdisciplinary complement Sample course plan B Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS) Specialisation Production Management and Processes Technical drawing and CAD (part 2) Introduction to Logistics and Mobility Introduction to Operations Research and Statistics Freight Traffic and Logistics VL 2 Mechanics II VL 2 Introduction to CAD Introduction to Statistics VL 2 Ethics and Technology - Responsible Innovation VL 4 Legal Foundations of Transportation and Logistics VL 2 GÜ 2 PBL 2 VL 2 Legal Foundations of Transportation and Logistics HÜ 1 Freight Traffic and Logistics Mechanics II Introduction to Operations Research 3 Introduction to Scientific Work HÜ 2 Exercises to Introduction in Quantitative GÜ 2 VL 1 Mechanics II Methods in Logistics Transportation Planning and Traffic Engineering Transport Planning and Traffic Engineering **Business Administration and Enterprise Resource Production Engineering** Planning: CERMEDES AG Production Engineering I 6 Business Administration and Enterprise Resource SE 2 Production Engineering II VL 2 Foundations of Management Mathematics II Management Planning: CERMEDES AG H0 1 Production Engineering II Introduction to Management Linear Algebra II Foundations of Management Business Administration and Enterprise Resource VI 2 HÜ 1 Production Engineering I GÜ Planning: CERMEDES AG VI 2 Management Tutorial Linear Algebra II Finance and Accounting HÜ 1 Linear Algebra II 10 Analysis II VL 2 Introduction to Economics HÜ 1 Introduction to Economics 11 Project Seminar WILUM Simulation of intra logistics Analysis II GÜ 1 GÜ 2 Introduction to Economics Project Seminar WILUM SE 4 Simulation of intra logistics 12 13 Mathematics I Project Management and Controlling Linear Algebra I VL 2 Foundations of project management VL 2 14 GÜ 1 VI 2 Linear Algebra L Foundations of Controlling 15 **Logistics Management** ΗÜ Linear Algebra L Logistics Economics VL 2 Analysis I IT applications for logistics and mobility Introduction into Production Logistics GÜ 1 IT applications for logistics and mobility Simulation of Transport and Handling Systems Analysis I MO GÜ 1 IT applications for logistics and mobility Simulation of Transport and Handling Systems VL 1 18 Simulation of Transport and Handling Systems GÜ 3 19 **Fundamentals of Production and Quality Management** Production Process Organization 20 **Ouality Management** 21 Mechanics I (Statics) Technical Logistics Mechanics I VL 2 Technical Logistics 22 Computer Science for Engineers - Introduction and GÜ 2 Mechanics Technical Logistics 23 **Production Logistics** Mechanics I ΗŪ Production Logistics Semina SE 2 24 Computer Science for Engineers - Introduction GÜ 2 25 Process Management Basics of process management 26 Process management practice SF 2 27 Technical drawing and CAD (part 1) Fundamentals of Technical Drawing 28 Fundamentals of Technical Drawing 29 30 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.