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

Core Qualification Compulsory Specialisation Compulsory Focus Compulsory Thesis Compulsory Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Interdisciplinary complement Sample course plan A Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS) Specialisation Production Management and Processes Introduction to Logistics and Mobility Technical drawing and CAD (part 2) Introduction to Operations Research and Statistics Freight Traffic and Logistics VL 2 Mathematics II 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 HÜ 2 PBL 2 Mathematics II VL 2 Legal Foundations of Transportation and Logistics HÜ 1 Freight Traffic and Logistics Introduction to Operations Research 3 Introduction to Scientific Work Mathematics II Exercises to Introduction in Quantitative GÜ 2 VL 1 Methods in Logistics Introduction to Economics Introduction to Economics **Process Management** Logistics, Transport and Environment Introduction to Economics HÜ 2 Basics of process management 6 Process management practice Environmental Management and Corporate SF 2 Foundations of Management Management Responsibilty Introduction to Management Foundations of Management GÜ 2 VI 2 Management Tutorial Finance and Investment Logistics Management Logistics Economics 10 Computer Science for Engineers - Introduction and Introduction into Production Logistics VL 2 Overview 11 **Business Administration and Enterprise Resource** Logistics Service Provider Management Computer Science for Engineers - Introduction VL 3 Planning: CERMEDES AG Logistics Service Provider Management 12 Business Administration and Enterprise Resource SE 2 Computer Science for Engineers - Introduction GÜ 2 13 Mathematics I IT applications for logistics and mobility Planning: CERMEDES AG Mathematics I Introduction to Geoinformation Science PRI 3 Business Administration and Enterprise Resource VL 2 14 Planning: CERMEDES AG HÜ 2 VI 1 Mathematics I IT applications for logistics and mobility 15 Technical Logistics Mathematics I IT applications for logistics and mobility GÜ 2 Technical Logistics 16 Project Management and Accounting Technical Logistics Foundations of project management 17 Project Seminar WILUM Foundations of cost and activity accounting Project Seminar WILUM SE 3 18 19 **Production Engineering** Production Engineering I VI 2 VI 2 Production Engineering II 21 Engineering Mechanics I (Stereostatics) Technical drawing and CAD (part 1) HŪ 1 Production Engineering II Engineering Mechanics I VL 2 Fundamentals of Technical Drawing HŪ 1 22 Production Engineering I Transportation Planning and Traffic Engineering GÜ 2 Engineering Mechanics I Fundamentals of Technical Drawing HÜ 1 Transport Planning and Traffic Engineering 23 Logistical systems - Industry 4.0 Engineering Mechanics I Logistics systems - Industry 4.0 SE 4 24 Engineering Mechanics II (Elastostatics) Engineering Mechanics II VI 2 25 Fundamentals of Production and Quality Management Engineering Mechanics II GÜ 2 Production Process Organization 26 Engineering Mechanics II Quality Management 27 28 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.