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

Core Qualification Compulsory Specialisation Compulsory Focus Compulsory Thesis Compulsory Sample course plan B Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS) Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Interdisciplinary complement Specialisation Production Management and Processes Technical drawing and CAD (part 2) Foundations of Management Introduction to Operations Research and Statistics Introduction to Management Mathematics II VI 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 HÜ 2 GÜ 2 Mathematics II VL 2 Legal Foundations of Transportation and Logistics HÜ 1 Management Tutorial Introduction to Operations Research 3 Exercises to Introduction in Quantitative GÜ 2 Mathematics II Methods in Logistics 1 Introduction to Economics Introduction to Economics Process Management Logistics Service Provider Management Introduction to Economics HÜ 2 Basics of process management Logistics Service Provider Management 6 Process management practice SE 2 Mathematics I Management Mathematics I Foundations of Management HÜ 2 VI 2 Mathematics I 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** Simulation of intra logistics Computer Science for Engineers - Introduction VL 3 Planning: CERMEDES AG SE 4 12 Business Administration and Enterprise Resource SE 2 Computer Science for Engineers - Introduction GÜ 2 13 IT applications for logistics and mobility Planning: CERMEDES AG Introduction to Geoinformation Science PRI 3 Business Administration and Enterprise Resource VL 2 14 Planning: CERMEDES AG VI 1 IT applications for logistics and mobility 15 Engineering Mechanics I (Stereostatics) Technical Logistics IT applications for logistics and mobility GÜ 2 Engineering Mechanics I VI 2 Technical Logistics Project Management and Accounting Engineering Mechanics I Technical Logistics Foundations of project management Project Seminar WILUM Engineering Mechanics I Foundations of cost and activity accounting Project Seminar WILUM SE 3 18 19 **Production Engineering** Production Engineering I VI 2 20 VI 2 Production Engineering II 21 Introduction to Logistics and Mobility Technical drawing and CAD (part 1) HŪ 1 Production Engineering II Freight Traffic and Logistics VL 2 Fundamentals of Technical Drawing HŪ 1 Production Engineering I 22 Transportation Planning and Traffic Engineering Freight Traffic and Logistics PBL 2 Fundamentals of Technical Drawing HÜ 1 Transport Planning and Traffic Engineering 23 **Production Logistics** Introduction to Scientific Work 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.