## Course of Study International Management and Engineering (Study Cohort w18)

Core qualification Specialisation Compulsory Focus Compulsory Thesis Compulsory Sample course plan B Master International Management and Engineering (IWIMS) Compulsory Specialisation II. Information Technology Core qualification Elective Specialisation Elective Focus Elective Compulsory Interdisciplinary complement Compulsory Compulsory LP Semester 1 Form Hrs/wkSemester 2 Form Hrs/wkSemester 3 Form Hrs/wkSemester 4 Form Hrs/wk 11 **Quantitative Methods - Statistics and Operations** Economics Project Seminar IWI Master Thesis 2 Research Main Theoretical and Political Concepts VL 2 Project Seminar IWI PS 3 3 Quantitative Methods - Statistics and VL 3 VL 2 International Economics 4 **Operations Research** 5 Quantitative Methods - Statistics and HÜ 2 6 **Operations Research** 7 Institutional Environment of International Organization international companies and IT Information Technology in Logistics 8 Management Logistics and Information Technology VL 2 Informationtechnology in Logsitics PR 6 9 Business Environment of Selected Countries SE 3 Human Resource Management and 2 VL 10 Research Methods in International VL 1 Organization Design 11 Management Organization and Process Management PBL 2 12 13 **Operations Research** Management Control Systems for Operations Accounting 14 **Corporate Finance** VL 2 **Operations Research** VL 2 Management Control Systems for PBL 3 15 Operations SE 2 Management and Financial Accounting VL 4 **Operations Research - Seminar** 16 Management Control Systems for UE 1 PBL 1 Project Operations Research 17 Operations 18 19 International Business Supply Chain Management Intelligent Autonomous Agents and Cognitive 20 Robotics International Management VL 2 Value-Adding Networks VL 2 21 Intelligent Autonomous Agents and Cognitive VL 2 Business-to-Business Marketing VL 2 Supply Chain Management PBL 3 22 Robotics Intercultural Management and VL 2 23 Intelligent Autonomous Agents and Cognitive UE 2 Communication 24 Robotics 25 **Production and Logistics Management** Machine Learning and Data Mining 26 Strategic Production and Logistics PBL 3 Machine Learning and Data Mining VL 2 27 Management Machine Learning and Data Mining UE 2 28 **Operative Production and Logistics** VL 2 29 Management 30 Nontechnical Elective Complementary Courses for Master (from catalogue) - 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.