Course of Study Mechanical Engineering and Management (Study Cohort w19)

Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Sample course plan A Master Mechanical Engineering and Management (IMPMEM) Specialisation Management, Specialisation Mechatronics Form Hrs/wk Form Hrs/wk Semester 4 Research Project IMPMEM Master Thesis Fibre-polymer-composites Robotics: Modelling and Control Design with fibre-polymer-composites 2 Robotics: Modelling and Control Structure and properties of fibre-polymer-composites 5 6 Computer Aided Design and Computation Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 2) 8 Computer Aided Design and Computation GÜ Selection from a catalog 10 Main Theoretical and Political Concepts 11 International Economics 12 Marketing and Communication Corporate Entrepreneurship & Growth 14 Intercultural Management and Communication VL Entrepreneurial Finance SE 2 15 Case Studies of Marketing and Communication GÜ 2 16 Technology Entrepreneuship VL 17 Creation of Business Opportunities PBL 18 19 Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) Digital Signal Processing and Digital Filters Digital Signal Processing and Digital Filters 20 Selection from a catalog HÜ 2 Digital Signal Processing and Digital Filters 21 22 Nonlinear Dynamics Nonlinear Dynamics 23 24 25 Control Systems Theory and Design Control Systems Theory and Design Control Systems Theory and Design GÜ 2 27 28 29 30 Business & Management (from catalogue) - 6LP Non-technical 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.