Course of Study Mechanical Engineering and Management (Study Cohort w22)

Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Sample course plan B Master Mechanical Engineering and Management (IMPMEM) Dual study program Specialisation Management, Specialisation Materials Structure and properties of fibre-polymer-composites Research Project IMPMEM Master thesis (dual study program) Robotics: Modelling and Control Structure and properties of fibre-polymer-composites 2 Robotics: Modelling and Control Structure and properties of fibre-polymer-composites ΗÜ 1 Structure and properties of fibre-polymer-composites PBL 5 6 Computer Aided Design and Computation Practical module 2 (dual study program, Master's degree) 8 Computer Aided Design and Computation GÜ 2 10 11 12 13 Practical module 1 (dual study program, Master's degree) Practical module 3 (dual study program, Master's degree) Practical term 3 14 15 16 17 Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) 18 Selection from a catalog 19 20 International Production Management and Enterprise Resource Planning: CERMEDES AG 21 International Production Management and Enterprise Resource Planning: SE 4 22 23 Marketing and Communication Advanced Topics in Management, Organization, and Human Resource Business-to-Business Marketing VL 2 24 VL 2 Advanced Topics in Management, Organization, and Human Resource VL 2 Intercultural Management and Communication 25 Case Studies of Marketing and Communication Advanced Topics in Management, Organization, and Human Resource 26 Mechanical Properties Management Mechanical Behaviour of Brittle Materials VI 2 27 Dislocation Theory of Plasticity 28 29 Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) Applied Statistics (part 1) Applied Statistics VL 2 30 Selection from a catalog Applied Statistics GÜ 1 31 Applied Statistics PBL 2 32 Advanced Functional Materials Processing of fibre-polymer-composites Advanced Functional Materials From Molecule to Composites Part PBL 2 33 Processing of fibre-polymer-composites 34 35 36 37 Business & Management (from catalogue) - 6LP Linking theory and practice (dual study program, Master's degree) (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.