

International Bachelor of Engineering - Mechatronics

SEMESTER

FWPM = Specialist required Elective Courses


CREDIT POINTS (CP)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
1	IBR13 Mathematics 1.1 (5 CP)					IBR15 Applied Informatics (5 CP)					IBR16 Engineering Mechanics 1: Statics (5 CP)					IBR14 Electrical Engineering 1.1 (5 CP)					IBR11 German B1.1 (5 CP)					IBR12 German B1.2 (5 CP)									
2	IBR23 Mathematics 1.2 (5 CP)					IBR24 Physics 1 (5 CP)					IBR25 Technical Drawing & CAD (5 CP)					IBR25 Electrical Engineering 1.2 (5CP)					IBR21 German B2.1 (5 CP)					IBR22 German B2.2 (5 CP)									
3	IBR33 Mathematics 2 (5 CP)					IBR25 Manufacturing Processes (5 CP)					IBR25 Engineering Mechanics 2: Mechanics of Materials (5 CP)					IBR25 Digital Technology (5 CP)					IBR31 Technical German 1 (5 CP)					IBR32 Technical German 2 (5 CP)									
4	MEC32 Machine Elements (5 CP)					MEC31 Measurement Technology (5 CP)					MEC35 Electronic Devices (5 CP)					MEC34 Engineering Mechanics 3: Kinematics and Kinetics (5 CP)					MEC33 Materials (5 CP)					MEC36 Electrical Engineering 3: Electrical networks with periodic and aperiodic signals (5 CP)									
5	MEC41 Embedded Programming (5 CP)					MEC42 Engineering Computation and Simulation (5 CP)					MEC43 Electronic Circuits (5 CP)					MEC44 Production Engineering (5 CP)					FWPM					FWPM Internship component during studies									
6	Internship in Germany or abroad																														MG-PLV Lectures for Practical Internship (6 CP)				
	MEC64 Microcomputer Technology (5 CP)					FWPM					FWPM					Internship component during studies																			
7	MEC61 Electric Drives (5 CP)					MEC63 Continuous Control Systems (5 CP)					MEC62 Control Engineering (5 CP)					FWPM					MEC64 Microcomputer Technology (5 CP)					FWPM									
	Internship component during studies																																		
8	MEC71 Power Electronics (5 CP)					MEC72 Discrete Control Systems (5 CP)					FWPM										BA Bachelor's Thesis (12 CP)														

in total 240 CP

Module legend:

 Rosenheim study model with practical semester

 German as a foreign language

 Rosenheim study model without practical semester

 Modules taught in German