

International Bachelor of Engineering – Medical Technology

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 Basic Chemistry (5 CP)					IBR25 Engineering Mechanics 2: Mechanics of Materials (5 CP)					IBR25 Manufacturing Engineering & Materials Science (5 CP)					IBR31 Technical German 1 (5 CP)					IBR32 Technical German 2 (5 CP)														
4	MT031 Polymers in Medical Technology (5 CP)					MT032 Medical Device Technology (5 CP)					MT033 Biomechanics (5 CP)					MT034 Medical Manufacturing Methods and Clean-Room Technology (5 CP)					MT035 Anatomy and Physiology 1 (5 CP)					MT036 Signals and Systems (5 CP)														
5	FWPM					FWPM (5 CP)					MT041 Engineering Computation and Simulation (5 CP)					MT042 Continuous Control Systems (5 CP)					MT043 Anatomy and Physiology 2 (5 CP)					FWPM Internship component during studies														
6	Internship in Germany or abroad																														MG-PLV Lectures for Practical Internship (6 CP)									
	FWPM					FWPM					FWPM					Internship component during studies																								
7	MT061 Quality Management and Statistics (5 CP)					MT062 Project Thesis (5 CP)					MT063 Medical Product Design / Risk Management (5 CP)					FWPM					FWPM					FWPM														
	Internship component during studies																																							
8	FWPM					MT071 Medical Certification and Law (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