IME – Medical Engineering (start **winter** semester)

Semester	**Engineering/Technology** (each 5 ECTS)		**Medical** (each 5 ECTS)		**Interdisciplinary** (each 5 ECTS)	
Winter 1 30 ECTS	Mathematics I *T1*	Technical Mechanics *T2*	Anatomy and Physiology *M1*	Microbiology and Biophysics *M2*	German I / Basic Elective *I1*	Informatics *I5*
Summer 2 30 ECTS	Mathematics II *T3*	Mechanical Development *T4*	Medical Device Technology *M3*		German II / Basic Elective *I2*	Statistics and Quantitative Methods *I6* / Intercultural Communication *I7*
Winter 3 30 ECTS	Production Technology *T5*	Physics *T6*	Quality Management and Regulatory Affairs *M4*		German III / Basic Elective *I3*	Object-oriented Coding *I8* / Project Management & Agile Methods *I11*
Summer 4 30 ECTS	Industrial Engineering *T7*	Electrical Engineering *T8* / Materials Engineering *T9*	Medical Imaging *M5*		German IV / Basic Elective *I4*	Databases *I10*
Winter 5 30 ECTS	Internship (Practical Semester, 30 ECTS) *PS*					
Summer 6 30 ECTS	Science/Technology Elective 1	Science/Technology Elective 2	Medical Elective 1	Medical Elective 2	Interdisciplinary Elective 1	Interdisciplinary Elective 2
Winter 7 30 ECTS	Science/Technology Elective 3	Science/Technology Elective 4	Medical Elective 3		Interdisciplinary Elective 3	Bachelor Thesis (10 ECTS) *BA*

IME – Medical Engineering (start **summer** semester)

Semester	**Engineering/Technology** (each 5 ECTS)		**Medical** (each 5 ECTS)		**Interdisciplinary** (each 5 ECTS)		
Summer 1 30 ECTS	Mechanical Development *T4*	Materials Engineering *T9*	Medical Device Technology *M3*		German I / Basic Elective *I2*	Statistics and Quantitative Methods *I6*	Intercultural Communication *I7*
Winter 2 30 ECTS	Mathematics I *T1*	Technical Mechanics *T2*	Anatomy and Physiology *M1*	Microbiology and Biophysics *M2*	German II / Basic Elective *I1*	Informatics *I5*	
Summer 3 30 ECTS	Mathematics II *T3*	Industrial Engineering *T7*	Electrical Engineering *T8*	Medical Imaging *M5*	German III / Basic Elective *I3*	Databases *I10*	
Winter 4 30 ECTS	Production Technology *T5*	Physics *T6*	Quality Management and Regulatory Affairs *M4*		Object-oriented Coding *I8*	Project Management & Agile Methods *I11*	German IV / Basic Elective *I4*
Summer 5 30 ECTS	Internship (Practical Semester, 30 ECTS) *PS*						
Winter 6 30 ECTS	Science/Technology Elective 1	Science/Technology Elective 2	Medical Elective 1	Medical Elective 2	Interdisciplinary Elective 1	Interdisciplinary Elective 2	
Summer 7 30 ECTS	Science/Technology Elective 3	Science/Technology Elective 4	Medical Elective 3		Interdisciplinary Elective 3	Bachelor Thesis (10 ECTS) *BA*	