

IIE – Industrial Engineering

Semester	Engineering/Technology (each 5 ECTS)			Economics/Management (each 5 ECTS)		Interdisciplinary (each 5 ECTS)		
Winter 1 30 ECTS	Mathematics I <i>T₁</i>	Technical Mechanics <i>T₂</i>	Fundamentals of Business Administration <i>E₁</i>	Principles of Accounting and Finance <i>E₂</i>	German I / Basic Elective <i>I₁</i>	Informatics <i>I₅</i>		
Summer 2 30 ECTS	Mathematics II <i>T₃</i>	Mechanical Development <i>T₄</i>	Business Processes Management <i>E₃</i>		German II / Basic Elective <i>I₂</i>	Statistics and Quantitative Methods <i>I₆</i>	Intercultural Communication <i>I₇</i>	
Winter 3 30 ECTS	Production Technology <i>T₅</i>	Physics <i>T₆</i>	Project Management and Agile Methods <i>E₄</i>	Marketing and Sales <i>E₅</i>	German III / Basic Elective <i>I₃</i>	Object-oriented Coding <i>I₈</i>		
Summer 4 30 ECTS	Industrial Engineering <i>T₇</i>	Electrical Engineering <i>T₈</i>	Materials Engineering <i>T₉</i>	Private Commercial Law <i>E₆</i>		German IV / Basic Elective <i>I₄</i>	Logistics <i>I₉</i>	
Winter 5 30 ECTS	Internship (Practical Semester, 30 ECTS) <i>PS</i>							
Summer 6 30 ECTS	Science/Technology Elective 1	Science/Technology Elective 2	Product Management <i>E₇</i>	Economics Elective 1	Interdisciplinary Elective 1	Interdisciplinary Elective 2		
Winter 7 30 ECTS	Science/Technology Elective 3	Science/Technology Elective 4	Economics Elective 2		Interdisciplinary Elective 3	Bachelor Thesis (10 ECTS) <i>BA</i>		

IME – Medical Engineering

Semester	Engineering/Technology (each 5 ECTS)		Medical (each 5 ECTS)		Interdisciplinary (each 5 ECTS)	
Winter 1 30 ECTS	Mathematics I <i>T₁</i>	Technical Mechanics <i>T₂</i>	Anatomy and Physiology <i>M₁</i>	Micorbiology and Biophysics <i>M₂</i>	German I / Basic Elective <i>I₁</i>	Informatics <i>I₅</i>
Summer 2 30 ECTS	Mathematics II <i>T₃</i>	Mechanical Development <i>T₄</i>	Medical Device Technology <i>M₃</i>		German II / Basic Elective <i>I₂</i>	Statistics and Quantitative Methods <i>I₆</i> Intercultural Communication <i>I₇</i>
Winter 3 30 ECTS	Production Technology <i>T₅</i>	Physics <i>T₆</i>	Quality Management and Regulatory Affairs <i>M₄</i>		German III / Basic Elective <i>I₃</i>	Object-oriented Coding <i>I₈</i> Project Management & Agile Methods <i>I₉</i>
Summer 4 30 ECTS	Industrial Engineering <i>T₇</i>	Electrical Engineering <i>T₈</i>	Materials Engineering <i>T₉</i>	Medical Imaging <i>M₅</i>	German IV / Basic Elective <i>I₄</i>	Databases <i>I₁₀</i>
Winter 5 30 ECTS	Internship (Practical Semester, 30 ECTS) <i>PS</i>					
Summer 6 30 ECTS	Science/Technology Elective 1	Science/Technology Elective 2	Economics Elective 1	Economics Elective 2	Interdisciplinary Elective 1	Interdisciplinary Elective 2
Winter 7 30 ECTS	Science/Technology Elective 3	Science/Technology Elective 4	Economics Elective 3		Interdisciplinary Elective 3	Bachelor Thesis (10 ECTS) <i>BA</i>