

Master Programme Technical Medicine

2021-2022

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Period 1 (1A) Sept - Oct Period 2 (1B) Oct - Nov Period 3 (2A) Nov - Dec Period 4 (2B) Dec - Jan Period 5 (3A) Feb - Mar Period 6 (3B) Mar - Apr Period 7 (4A) Apr - May Period 8 (4B) May - Jun

Year 1	Imaging & Intervention							
	Advanced Image Acquisition TM11001 5 EC	Molecular Imaging and Therapy TM11002 5 EC	Radiation Protection TM11003 5 EC	Radiation Therapy TM11004 5 EC	Biomaterials and Tissue Bio-mechanics TM11007 5 EC	Image Guided Interventions TM11006 5 EC	Advanced Image Processing TM11005 5 EC	Computer Assisted Reconstructive Surgery TM11008 5 EC
	Patient Case 1, 2 & 3 TM10006			BROK TM10003 1,5 EC		Python Programming TM10002 2,5 EC		Machine Learning TM10007 2,5 EC
	Medical Skills in Daily Practice TM10004 3 EC			Patient Journey TM10008 1 EC				Patient Case 4 & 5 7,5 EC
								Skills in Acute Setting TM10009 2 EC
	Sensing & Stimulation							
	Advanced Signal Acquisition TM12001 5 EC	Sensing of Neuro-physiological Systems TM12002 5 EC	Electro-stimulation of Neuro-physiological Systems TM12003 5 EC	Drug Sensing and Delivery TM12004 5 EC	Advanced Signal Processing TM12005 5 EC	Extramural Sensing and Virtual Stimulation TM12006 5 EC	Sensing and Stimulation of Circulation and Ventilation: Acute and Chronic Care TM12007 10 EC	
	Patient Case 1, 2 & 3 TM10006			BROK TM10003 1,5 EC		Python Programming TM10002 2,5 EC		Machine Learning TM10007 2,5 EC
	Medical Skills in Daily Practice TM10004 3 EC			Patient Journey TM10008 1 EC				Patient Case 4 & 5 7,5 EC
								Skills in Acute Setting TM10009 2 EC
Year 2	TM Clinical Internship 1 TM20005 14 EC		TM Clinical Internship 2 TM20006 14 EC		TM Clinical Internship 3 TM20007 14 EC		TM Clinical Internship 4 TM20008 14 EC	
	Medical Technology in Clinical Practice (MTK) TM20009 4 EC							
Year 3	Elective Courses		Literature Study TM30003 10 EC		Master Thesis TM30004 35 EC			
	Practical Internship TM30001							
	Thesis Feasibility Study TM30002							
Elective Courses 15 EC								