

Master Programme Technical Medicine

2024-2025

	Kwartaal 1 September - November	Kwartaal 2 November - Januari	Kwartaal 3 Februari - April	Kwartaal 4 April - Juli
Jaar 1	Imaging & Intervention		Biomaterials and tissue biomechanics Image guided interventions	
	Advanced image acquisition TM11001 5 EC	Radiation protection Radiation therapy TM11003 5 EC TM11004 5 EC	Biomaterials and tissue biomechanics TM11007 5 EC	Image guided interventions TM11006 5 EC
	Molecular imaging and therapy TM11002 5 EC			Advanced image processing TM11005 5 EC
				Computer assisted reconstructive surgery TM11008 5 EC
Jaar 1	Sensing & Stimulation		Advanced signal processing Extramural sensing and virtual stimulation	
	Advanced signal acquisition TM12001 5 EC	Electrostimulation of neurophysiological systems TM12003 5 EC	Advanced signal processing TM12005 5 EC	Sensing and stimulation of circulation and ventilation: acute and chronic care TM12007 10 EC
	Drug sensing and delivery TM12004 5 EC	Sensing of neurophysiological signals TM12002 5 EC	Extramural sensing and virtual stimulation TM12006 5 EC	
	Common courses		Python programming TM10002 2.5 EC	Machine learning TM10007 2.5 EC
Patient cases 1, 2 & 3 TM10006 7.5 EC			Patient cases 4 & 5 TM10006	
Quality, safety and UX in healthcare TM10010 3 EC			Quality, safety and UX in healthcare* TM10010	
Medical skills in daily practice* TM10004 3 EC			Medical skills in daily practice TM10004	
BROK* TM10003 1.5 EC				
Jaar 2	TM Clinical internship 1/2/3/4** TM20005/6/7/8 14 EC	TM Clinical internship 1/2/3/4** TM20005/6/7/8 14 EC	TM Clinical internship 1/2/3/4** TM20005/6/7/8 14 EC	TM Clinical internship 2/3/4** TM20006/7/8 14 EC
	Skills in acute settings* TM20011 12 EC			
	Employability in Clinical Technology* TM20010 2 EC			
Jaar 3	Elective course		Literature study***	
	Practical internship TM30001	Thesis feasibility study TM30002	Master thesis*** TM30004 35 EC	
	Elective courses 15 EC		Literature study*** TM30003 10 EC	

*Course is given throughout the year, see the study guide for more information.

** Internships start every three months, see the study guide for up-to-date start dates.

*** TM3 course periods and sequence vary per student, see the study guide for more information.