

Semmelweis University		Curriculum				Program: Physiotherapy MSc			
Faculty of Health Sciences		EK_FIZIOT_A_TM_2026-27-1				full time course			
Neptun code	Subject	Number of hours				Prerequisite course 1.	Prerequisite course 2.	Prerequisite course 3.	Assessment
		Lec	Pr	S	Credit				
Semester 1									
	Compulsory courses								
EMTAFCFITT01A	Legal, Bioethical and Administrative Knowledge	12	0	12	2				end-term exam
EMTAFCFIPS02A	Pedagogy	6	0	6	1				end-term exam
EMTAFCFIFT03A	Basic neurophysiology for physiotherapy	16	8	0	2				end-term exam
EMTAFCFIFT04AA	Cortical Placticity and Motor Learning	6	6	0	1				practical exam
EMTAFCFIFT06A	Biophysics	10	14	0	2				end-term exam
EMTAFCFIFT07A	Biomechanics	12	12	0	2				end-term exam
EMTAFCFIPS10A	Basic of Clinical Psychology	12	0	0	1				end-term exam
EMTAFCFITT11AA	Research Methogology	0	12	0	1				practical grade
EMTAFCFIEM30A	Application of Artificial Intelligence in Scientific Research	4	0	8	1				practical grade
EMTAFCFITT13A	Management of health institutions, and quality management	12	0	12	2				end-term exam
EMTAFCFIEK15A	Pharmacology	12	0	0	1				end-term exam
EMTAFCFIFT16A	Clinical Science of Cardiorespiratory Diseases	24	24	0	4				end-term exam
EMTAFCFIFT17A	Clinical Science of Musculoskeltal Disorders	24	24	0	4				end-term exam
EMTAFCFIFT18A	Clinical Sience in Neurological Disorders	24	24	0	4				end-term exam
EMTAFCFIFT22AA	Significance of Diagnostic Imaging in Physiotherapy Practice	12	12	0	2				practical exam
Semester 2									
	Compulsory courses								
EMTAFCFIFT05A	Clinical Exercise Physiology	10	14	0	2	Pharmacology			end-term exam
EMTAFCFIFT08AA	Differencial Diagnosis in Physiotherapy Practice	0	24	0	2				end-term exam
EMTAFCFIFT09A	Clinical Neuropsychology	12	0	0	1				end-term exam
EMTAFCFIFT12AA	Rehabilitation and assistive technologies	12	12	0	2	Clinical Science of Musculoskeltal Disorders			practical exam
EMTAFCFIFT14A	Developmental Neurology	12	0	0	1	Basic neurophysiology for physiotherapy			end-term exam
EMTAFCFIFT19AA	Scientific Background and Evidence-based Practice of Active Therapeutic Exercise	8	40	0	4	Clinical Science of Musculoskeltal Disorders			practical exam
EMTAFCFIFT20AA	Scientific Approach of Physical Agents in Physiotherapy	10	14	0	2	Biophysics			practical exam
EMTAFCFIFT23A	Evidence-based Manual Therapy in Physiotherapy Practice	12	60	0	6	Clinical Science of Musculoskeltal Disorders			end-term exam
EMTAFCFIFT24A	Scientific Background and Practice of Physiotherapy for improve Coordination and Proprioception	6	30	0	3	Basic neurophysiology for physiotherapy			end-term exam
EMTAFCFIFT26AA	Scientific Approach and Clinical Practice of Exercise for Improve Exercise Tolerance	12	24	0	3	Clinical Science of Cardiorespiratory Diseases			practical exam
EMTAFCFIFT27A	Thesis			4 cons	6	Research Methogology			practical grade
	Requirement course								
EMTAFCFINY29A	Foreign Language for Healthcare Purposes	0	36	0	0				signature
Semester 3									
	Compulsory courses								
EMTAFCFIFT08BB	Differencial Diagnosis in Physiotherapy Practice	0	24	0	2	Differencial Diagnosis in Physiotherapy Practice A			end-term exam
EMTAFCFIFT21AA	Integration of Scientific Research and Clinical Practice	0	144	0	12	Research Methogology			practical exam
EMTAFCFIFT25A	Evidence-based Neorological Physiotherapy in Physiotherapy Practice	6	30	0	3	Clinical Sience in Neurological Disorders			end-term exam
EMTAFCFIFT27B	Thesis			4 cons	6	Research Methogology			practical grade
	Requirement course								
EMTAFCFITT28A	Basic of Professional ethics	4	0	0	0				signature
	It is recommended to take at least 5 credits from elective courses during the semester.				5				