

MSMP Therapy Curriculum

	Term	Course	Title	Hours	Notes	
Year 1	Fall 1	RAMT-5248	Radiation Biophysics**	2		
		RAMT-5304	Radiation Interactions & Dosimetry	3		
		RAMT-5310	Introduction to Clinical Applications & Radiation Protection of Therapy & Diagnostic Imaging Physics	3		
		RAMD-5331	Physics of Medical Imaging	3		
	Spring 1	RAMT-5311	Clinical Therapy Physics I	3		
		RAMT-5330	Computational Methods for Medical Physicists	3		
		RAMD-5340	Clinical Diagnostic Physics I	3		
		RAMD-5340L	Clinical Diagnostic Physics I Lab	1		
	Summer 1	RAMT-5320	Leadership, Management, and Ethics for Medical Physicists	3		
		RAMT-5391	Therapeutic Practicum I	2		
		RAMT-5316	Brachytherapy Physics	2		
		RAMT-5390	Thesis*	2	<i>*Expect 10 hours per week thesis work</i>	
	Year 2	Fall 2	RAMT-5201	Anatomy & Physiology for Medical Physicists**	3	
			RAMT-5312	Clinical Therapy Physics II	3	
RAMD-5350			Clinical Diagnostic Physics II	3		
RAMD-5350L			Clinical Diagnostic Physics II Lab	1		
RAMT-5390			Thesis	4	<i>*Expect 20 hours per week thesis work</i>	
Spring 2		RAMT-5301	Principles of Clinical Radiation Oncology	2		
		RAMT-5314	Clinical Diagnostic Physics Lab I	2		
		RAMT-5392	Therapeutic Practicum II	4		
		RAMT-5390	Thesis	4	<i>*Expect 20 hours per week thesis work</i>	
					Total	46

Non-thesis path

Thesis path

** Courses taught in alternate years