

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	3	
		RAMT-5391	Therapeutic Practicum I	2	
		RAMT-5316	Brachytherapy Physics	2	
		RAMT-5390	Thesis*	2	*Expect 10 hours per week thesis work
	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	*Expect 20 hours per week thesis work
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	*Expect 20 hours per week thesis work
Total				46	

Non-thesis path

Thesis path

** Courses taught in alternate years