

MSMP Diagnostic Imaging Curriculum

	Term	Course	Title	Hours	Semester Hours	
Year 1	Fall 1	RAMT-5248	Radiation Biophysics**	2	11	
		RAMT-5304	Radiation Interactions & Dosimetry	3		
		RAMT-5310	Introduction to Clinical Applications & Radiation Protection	3		
		RAMD-5331	Physics of Medical Imaging	3		
Spring 1		RAMT-5311	Clinical Therapy Physics I	3	10	
		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	8	
		TBD	Elective	3		
		RAMD-5391	Diagnostic Imaging Practicum I	2		<i>Either practicum or thesis</i>
		RAMD-5390	Thesis*	2		<i>*Expect 10 hours per week thesis work</i>
Year 2	Fall 2	RAMT-5201	Anatomy & Physiology for Medical Physicists**	3	10	
		RAMD-5350	Clinical Diagnostic Physics II	3		
		RAMD-5350L	Clinical Diagnostic Physics II Lab	1		
		TBD	Elective	3		<i>Either elective or thesis course</i>
		RAMD-5390	Thesis*	3		<i>*Expect 20 hours per week thesis work</i>
	Spring 2		RAMD-5301	Medical Physics Seminar I	1	7
TBD			Elective	2		
RAMD-5392			Diagnostic Imaging Practicum II	4	<i>*Expect 20 hours per week thesis work</i>	
Total Credit Hours				46		

Non-thesis path
Thesis path
Didactic

***Courses taught in alternate years*