

DMP Diagnostic Imaging Curriculum

	Term	Course	Title	Hours	
Year 1	Fall 1	RAMT-5248	Radiation Biophysics**	2	
		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	
		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	
		RAMD-5391	Diagnostic Practicum I	2	
		TBD	Elective	3	
		RAMT-5390	Thesis*	3	
	Year 2	Fall 2	RAMT-5201	Anatomy & Physiology for Medical Physicists**	3
RAMD-5350			Clinical Diagnostic Physics II	3	
RAMD-5350L			Clinical Diagnostics Physics II Lab	1	
TBD			Elective	3	
RAMT-5390			Thesis*	3	
Spring 2		TBD	Elective	3	
		RAMD-5392	Diagnostic Practicum II	4	
		RAMT-5390	Doctoral Independent Study I	4	
Summer 2		RAMD - 5393	Doctoral Independent Study II	3	
		RAMD-5395	Medical Physics Clinical Rotations I	3	
Year 3		Fall 3	RAMD-5395	Medical Physics Clinical Rotations I	6
		Spring 3	RAMD-5396	Medical Physics Clinical Rotations II	6
			RAMD-5401	Medical Physics Seminar II	1
TBD	Elective		2		
Summer 3	RAMD-5394	Doctoral Independent Study II	3		
	RAMD-5396	Medical Physics Clinical Rotations III	3		
Year 4	Fall 4	RAMD-5397	Medical Physics Clinical Rotations III	6	
	Spring 4	RAMD-5397	Medical Physics Clinical Rotations III	6	
	Summer 4	RAMD-5397	Medical Physics Clinical Rotations III	3	
Total				94	

Clinical Training
Research
Didactic

** Courses taught in alternate years

*Expect 10 hours per week thesis work

*Expect 20 hours per week thesis work

*Expect 20 hours per week thesis work

Clinical Training
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