

DMP 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 Physics	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	
		RAMD-5391	Diagnostic Practicum I	2		
		TBD	Elective	3		
	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		
Spring 2		RAMD-5301	Medical Physics Seminar I	1	10	
		RAMD-5392	Diagnostic Practicum II	4		
		TBD	Elective	3		
		TBD	Elective	2		
Summer 2		RAMD-5393	Doctoral Independent Study I	3	6	
		RAMD-5395	Medical Physics Clinical Rotations I	3		
Year 3		Fall 3	RAMD-5395	Medical Physics Clinical Rotations I	6	6
		Spring 3	RAMD-5401	Medical Physics Seminar II	1	10
	RAMD-5396		Medical Physics Clinical Rotations II	6		
	TBD		Elective	3		
	Summer 3	RAMD-5394	Doctoral Independent Study II	3	6	
		RAMD-5396	Medical Physics Clinical Rotations II	3		
Year 4	Fall 4	RAMD-5397	Medical Physics Clinical Rotations III	6	6	
	Spring 4	RAMD-5397	Medical Physics Clinical Rotations III	6	6	
	Summer 4	RAMD-5397	Medical Physics Clinical Rotations III	3	3	
Total Credit Hours				92		

Clinical training

Research

Didactic

** Courses taught in alternate years