

MSMP 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 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 & Ethics	3
		RAMD-5391	Diagnostic Imaging Practicum I	2
		TBD	Elective	3
		RAMT-5390	Thesis	3
	Year 2	Fall 2	RAMT-5201	Anatomy & Physiology for Medical Physicists**
RAMD-5350			Clinical Diagnostic Physics II	3
RAMD-5350L			Clinical Diagnostic Physics II Lab	1
TBD			Elective	3
RAMT-5390			Thesis	3
Spring 2		TBD	Elective	3
		RAMD-5392	Diagnostic Imaging Practicum II	4
		RAMT-5390	Thesis	4
Total				46

Notes

**Expect 10 hours per week thesis work*

**Expect 20 hours per week thesis work*

**Expect 20 hours per week thesis work*

Non-thesis path

Thesis path

**Courses taught in alternate years