





ALL First Year Medical Physics Students




Year / Term	Required -or- Optional	Designation	Number	Major Core Course Title	Credits
Fall Term: September 29 - December 19, 2025					
	Required:	MGRD	650	Practice and Ethics of Science	1
		MP	521	Radiological Anatomy & Physiology	3
		MP	531	Radiophysics	3
		IPE	501	Interprofessional Education (auto-enroll)	0.25
		BSTA	525	Introduction to Biostatistics	4
		MP	507	Matriculation Seminar (required)	1
Winter Term: January 5 - March 20, 2026					
Y1 Winter	Required:	MP	541	Diagnostic Physics I	3
		MP	561	Therapy Physics I	3
		MP	535	Rad Shielding and External Dosimetry	3
		IPE	501	Interprofessional Education (auto-enroll)	0.25
Spring Term: March 30 - June 19, 2026					
Y1 Spring	Required:	MP	542	Diagnostic Physics II	3
		MP	562	Therapy Physics II	3
		MP	570	Radiation Biology	3
		IPE	501	Interprofessional Education (auto-enroll)	0.5
		MP	507	Diagnostic Physics Journal Club (observe)	0
		MP	507	Therapy Physics Journal Club (observe)	0
Summer Term: June 29 - September 18, 2026					
Y1 Summer	Required:	MP	536	Advanced Radiation Detection (Summer A)	3
		MP	545	Diagnostic Physics Practicum (Summer B)	3
		MP	565	Therapy Physics Practicum (Summer B)	3

Key: Seminar / Journal Club - 3 total required

Total: 40

Year Two Medical Physics Students

Radiation Therapy Physics Track

Year / Term	Required -or- Optional	Designation	Number	Major Core Course Title	Credits
Fall Term: September 29 - December 19, 2025					
Y2 Fall	Required:	MP	563	Therapy Physics Lab I	2
		MP	543	Advanced Diagnostic Imaging (MRI)	3
		MP	544	Nuclear Medicine Imaging	3
		MP	503	Thesis	1
		<i><u>This Term:</u> Finalize advisor and MS thesis committee (submit forms)</i>			
Winter Term: January 5 - March 20, 2026					
Y2 Winter	Required:	MP	564	Therapy Physics Lab II	2
		MP	503	Thesis	2
		MP	538	XRT/RPT Dosimetry Lab	2
		<i><u>This Term:</u> Complete all MS research data gathering - start thesis</i>			
Spring Term: March 30 - June 19, 2026					
Y2 Spring	Required:	MP	503	Thesis	4
		MP	507	Diagnostic Physics Journal Club	1
		MP	507	Therapy Physics Journal Club	1
		<i><u>This Term:</u> Thesis complete (early term), final MS defense & submit Oral Exam form in May</i>			




Total Credits ≥ 61

Key: Seminar / Journal Club - 3 total required
Thesis Credits ≥ 7 credits required

Total: 21
Year 1 & Year 2 Total: 61

Year Two Medical Physics Students

Diagnostic Imaging Physics Track

Year / Term	Required -or- Optional	Designation	Number	Major Core Course Title	Credits
Fall Term: September 29 - December 19, 2025					
Y2 Fall	Required:	MP	546	Diagnostic Imaging Physics Lab I	2
		MP	543	Advanced Diagnostic Imaging (MRI)	3
		MP	544	Nuclear Medicine Imaging	3
		MP	503	Thesis	1
		<u>This Term:</u> Finalize advisor and MS thesis committee (submit forms)			
Winter Term: January 5 - March 20, 2026					
Y2 Winter	Required:	MP	547	Diagnostic Imaging Physics Lab II	2
		MP	503	Thesis	2
		MP	538	XRT/RPT Dosimetry Lab	2
		<u>This Term:</u> Complete all MS research data gathering - start thesis			
Spring Term: March 30 - June 19, 2026					
Y2 Spring	Required:	MP	503	Thesis	4
		MP	507	Diagnostic Physics Journal Club	1
		MP	507	Therapy Physics Journal Club	1
		<u>This Term:</u> Thesis complete (early term), final MS defense & submit Oral Exam form in May			

Total Credits ≥ 61

Key: Seminar / Journal Club - 3 total required
 Thesis Credits ≥ 7 credits required

Total: 21
 Year 1 & Year 2 Total: 61