





ALL First Year Medical Physics Students




Year / Term	Required -or- Optional	Designation	Number	Major Core Course Title	Credits
Fall Term: September 28 - December 18, 2020					
	Required:	CONJ	650	Practice and Ethics of Science	1
		MP	521	Radiological Anatomy & Physiology	3
		MP	531	Radiophysics	3
		IPE	501	Interprofessional Education (auto-enroll)	1
		BSTA	511	Statistics	4
		MP	507	Matriculation Seminar (required)	1
Winter Term: January 4 - March 19, 2021					
	Required:	MP	561	Therapy Physics I	3
		MP	541	Diagnostic Physics I	3
		MP	535	Rad Shielding and External Dosimetry	3
Spring Term: March 29 - June 18, 2021					
	Required:	MP	562	Therapy Physics II	3
		MP	542	Diagnostic Physics II	3
		MP	570	Radiation Biology	3
		MP	507	Diagnostic Physics Journal Club (observe)	0
		MP	507	Therapy Physics Journal Club (observe)	0
		Summer Term: June 28 - September 17, 2021			
	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 23 - December 13, 2021					
Y2 Fall	Required:	MP	563	Therapy Physics Lab I	2
		MP	543	Advanced Diagnostic Imaging (MRI)	3
		MP	544	Nuclear Medicine Imaging	3
		<i><u>This Term:</u> Finalize advisor and MS thesis committee (submit forms)</i>			
	Optional:	MP	503	Thesis	3
Winter Term: January 6 - March 20, 2022					
Y2 Winter	Required:	MP	564	Therapy Physics Lab II	2
		MP	503	Thesis	3
		<i><u>This Term:</u> Complete all MS research data gathering - start thesis</i>			
Spring Term: March 30 - June 19, 2022					
Y2 Spring	Required:	MP	503	Thesis	3
		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 ≥ 60

Key: Seminar / Journal Club - 3 total required
 Thesis Credits ≥ 9 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 23 - December 13, 2019					
Y2 Fall	Required:	MP	546	Diagnostic Imaging Physics Lab I	2
		MP	543	Advanced Diagnostic Imaging (MRI)	3
		MP	544	Nuclear Medicine Imaging	3
		<u><i>This Term: Finalize advisor and MS thesis committee (submit forms)</i></u>			
	Optional:	MP	503	Thesis	3
Winter Term: January 6 - March 20, 2020					
Y2 Winter	Required:	MP	547	Diagnostic Imaging Physics Lab II	2
		MP	503	Thesis	3
		<u><i>This Term: Complete all MS research data gathering - start thesis</i></u>			
Spring Term: March 30 - June 19, 2020					
Y2 Spring	Required:	MP	503	Thesis (3 or more credits)	3
		MP	507	Diagnostic Physics Journal Club	1
		MP	507	Therapy Physics Journal Club	1
		<u><i>This Term: Thesis complete (early term), final MS defense & submit Oral Exam form in May</i></u>			

Total Credits ≥ 60

Key: Seminar / Journal Club - 3 total required
Thesis Credits ≥ 9 credits required

Total: 21
Year 1 & Year 2 Total: 61