

Master of Science in Health Physics – Program Curriculum

Prerequisite Courses

Calculus-based general physics I and II

Course Number/Title	Credits
First Year - Fall	
MHP 601 Principles of Health Physics	3
NMT 610 Medical Radiation Physics & Lab	4
NMT 621 Nuclear Medicine Radiation Instrumentation I & Lab	4
CDS 610 Research Design and Statistics	3
CDS 501 Professional Development	0
Total	14
First Year – Spring	
MHP 620 Principles of Dosimetry	3
NMT 641 Regulations, Radiation Protection/Biology & Lab	4
CDS 625 Analysis of Scientific Publication	3
MHP 611 Physics of Diagnostic Imaging	3
CDS 502 Professional Development	0
Total	13
First Year – Summer	
MHP 621 Nonionizing Radiation	3
MHP 691 Supervised Practice	6
Elective I or MHP 651 (Advanced Radiation Biology)	3
CDS 503 Professional Development	1
Total	13
Second Year – Fall	
Elective II or MHP 652 (Radiopharmacy)	3
MHP 691 Supervised Practice	6
MHP 698 Non-thesis research	4
Total	13
Total hours	53