

Master of Science in Health Physics Program Curriculum

Prerequisite Courses

Calculus-based general physics I and II

Course Number/Title	Credits
1st Fall Term	
MHP 601-Principles of Health Physics	(3 hours)
NMT 620-Nuclear Medical Radiation Physics, Instrumentation & Lab	(4 hours)
CDS 610-Research Design and Statistics	(3 hours)
CDS 505-Professional Development	(1 hours)
Total Semester Hours = 11	
1st Spring Term	
MHP 620-Principles of Dosimetry	(3 hours)
NMT 641-Regulations, Radiation Protection/Biology & Lab	(4 hours)
NMT 653/MHP 653- Research Methodology & Publication Analysis	(2 hours)
MHP 611- Physics of Diagnostic Imaging	(3 hours)
Total Semester Hours = 12	
1st Summer Term	
MHP 621- Nonionizing Radiation	(3 hours)
Elective or MHP 651- Advanced Radiation Biology	(3 hours)
MHP 691- Supervised Practice	(6 hours)
Elective or MHP 652/NMT 660- Radiopharmacy	(4 hours)
Total Semester Hours = 16	
2nd Fall Term	
MHP 655- contemporary Issues, Registry Review	(3 hours)
MHP 691- Supervised Practice	(6 hours)
MHP 698- Non-thesis Research	(5 hours)
Total Semester Hours = 14	