MASTER OF SCIENCE IN MEDICAL PHYSICS

The graduate program in medical physics leads to the degree of Master of Science in Medical Physics (MS MP) and a Doctor of Philosophy as an option under the PhD program in nuclear engineering. The program focuses on the application of radiation to medicine, particularly in the diagnosis and treatment of human disease. In addition to the traditional on-campus MS program, a distance learning program leading to the MS MP degree is also offered to accommodate the needs of professionals in the field. A large number of medical physics practitioners in government and industry participate in the video-based program.

Three credit hours for graduate courses taken as an undergraduate at Georgia Tech and used for credit toward an undergraduate degree in science or engineering may also be included in the MS MP program of study if the student graduated with an undergraduate grade-point average of at least 3.5. Medical physics students must earn a graduate grade-point average of at least 3.0 and satisfy all remaining requirements to be certified for the master's degree.

Non-Thesis Option

Code	Title	Credit Hours
MP 4750	Diagnostic Imaging Physics	3
MP 6011	Seminar in Medical Physics I	1
MP 6203	Radiation Therapy Treatment Planning Laboratory	1
MP 6204	Radiation Therapy Physics	4
MP 6300	Radiological Anatomy	1
MP 6406	Radiation Dosimetry & Protection	4
MP 6407	Radiation Biology and Oncology	3
MP 6756	Radiation Physics	3
MP 6757	Radiation Detection	3
MP 8903	Special Problems (Project for Non-Thesis)	3
Other Elective Courses (any other graduate level course)		9
Total Credit Hours		**35**

Thesis Option

Code	Title	Credit Hours
MP 4750	Diagnostic Imaging Physics	3
MP 6011	Seminar in Medical Physics I	1
MP 6203	Radiation Therapy Treatment Planning Laboratory	1
MP 6204	Radiation Therapy Physics	4
MP 6300	Radiological Anatomy	1
MP 6406	Radiation Dosimetry & Protection	4
MP 6407	Radiation Biology and Oncology	3
MP 6756	Radiation Physics	3
MP 6757	Radiation Detection	3
Other Elective Courses (Any other graduate level course)		3
Thesis Hours		9
Total Credit Hours		**35**