

Study Plan for the Master Science in Medical physics program
(Number of program hours = 43)

First year

Level 1			
Code	Course Name	Hr	Requisite
6111 Phys	Basic Principles of Radiation Physics	3	-
6112 Phys	Radiation Detection and Measurements	3	-
6111 Rad	Radiation Biology	2	-
6113 Phys	Radiation Protection and Safety	3	-
Total		11	

Level 2			
Code	Course Name	Hr	Requisite
6124 Phys	Biostatistics and Research Methodologies	2	-
6122 Rad	Physics of Nuclear Medicine	3	-
6123 Rad	Physic of Medical Imaging – Ionizing Radiation	3	-
6124 Rad	Physic of Medical Imaging – Non-ionizing Radiation	3	-
Total		11	

Second year

Level 3			
Code	Course Name	Hr	Requisite
6135 Rad	Principles of Physics in Radiation Oncology	3	-
6135 Phys	Advanced Bioinstrumentation and Microscopes	3	-
6136 Rad	Imaging of Radiation Oncology	2	-
6137 Rad	Advances Nuclear Medicine Technologies	3	-
Total		11	

Level 4			
Code	Course Name	Hr	Requisite
6148 Rad	Clinical Practice	3	-
6146 Phys	Research Project 1	2	-
6147 Phys	Research Project 2	5	-
Total		10	