



Academic Study Plan for Master Science in Medical physics

First Year							
First Level				Second Level			
Code	Course Name	# Hrs	Required	Code	Course Name	# Hrs	Required
Phys-611	Basic Principles of Radiation Physics	3		Phys-615	Biostatistics and Research Methodologies	2	
Phys-612	Radiation Detection and Measure	3		Rad-621	Physics of Nuclear Medicine	3	
Rad-613	Radiation Biology	2		Rad-622	Physic of Medical Imaging – Ionizing Radiation	3	
Phys-614	Radiation Protection and Safety	3		Rad-623	Physic of Medical Imaging – Non-ionizing Radiation	3	
11		Total Hrs		11		Total Hrs	

السنة الثانية							
Third Level				Fourth Level			
Code	Course Name	# Hrs	Required	Code	Course Name	# Hrs	Required
Rad-624	Principles of Physics in Radiation	3		Rad-634	Clinical Practice	3	
Phys-631	Advanced Bioinstrumentation and	3		Phys-635	Research Project 1	2	
Rad-632	Imaging of Radiation Oncology	2		Phys-641	Research Project 2	5	
Rad-633	Advances Nuclear Medicine Tech	3					
11		Total Hrs		10		Total Hrs	

Total Hours = 43