

Master of Medical Physics Courses

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Type of requirements (Institution, College, or Program)
Level 1	MEPHY601	Human Anatomy and Physiology	Required		3	Program
	MEPHY602	Radiation Physics and Dosimetry	Required		3	Program
	MEPHY603	Radioisotopes and Nuclear Medicine	Required		3	Program
	MEPHY604	health Physics and Radiation Protection	Required		3	Program
Level 2	MEPHY605	Radiotherapy Physics	Required	MEPHY602	3	Program
	MEPHY606	Diagnostic Radiology	Required		3	Program
		Elective course 1 From Package 1	Elective		3	Program
		Elective course 2 From Package 1	Elective		3	Program
Level 3	MEPHY607	Clinical Training I	Required		3	Program
	MEPHY609	Medical Physics project	Required		3	Program
		Elective course 3 From Package 2	Elective		3	Program
Level 4	MEPHY608	Clinical Training II	Required		3	Program
	MEPHY609	Medical Physics project	Required		3	Program
		Elective course 4 From Package 2	Elective		3	Program

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Elective	MEPHY610	Magnetic Resonance Imaging (MRI)	Elective Package 2	MEPHY606	3	Program
	MEPHY611	Ultrasound Physics and Diagnose	Elective Package 2		3	Program
	MEPHY612	Computational techniques and electronics in Medical Physics	Elective Package 2	MEPHY602	3	Program
	MEPHY613	Geant4 simulation program applications in medical physics	Elective Package 2	MEPHY602	3	Program
	MEPHY614	Special Topics in Medical Physics	Elective Package 2		3	Program
	MEPHY615	Special Topics	Elective Package 1		3	Program
	MEPHY616	Advanced Brachytherapy Physics	Elective Package 1	MEPHY605	3	Program
	MEPHY617	Quality Assurance and Quality Control	Elective Package 1	MEPHY602 & MEPHY603	3	Program
	MEPHY618	SEMINAR	Elective Package 2		3	Program