Table A. Core Courses: Ph.D. in Medical Physics

No.	Course Title	Number of Credits	Number of Hours (Theoretical-Practical)	Total	
1	Radiobiology	**2**	**34**	**34**	**-**
2	Principles of Physics and Electronics for Medical Instruments	**2**	**34**	**34**	**-**
3	Principles of Working with Medical Instruments	**3**	**51**	**51**	**-**
4	Physic Principles of Ultrasound Radiations and Instruments	**2**	**34**	**34**	**-**
5	Application of Generating Sources of Radiation and Radioactive Material in Diagnosis and Treatment	**3**	**51**	**51**	**-**
6	Dosimetry and Protection Against Ironizing and Non-ionizing Radiations	**3**	**51**	**51**	**-**
7	Laser and its Application in Medicine	**1**	**17**	**17**	**Only Theoretical**
	Total		**16**		

Table B. Non-Core Courses: Ph.D. in Medical Physics

No.	Course Title	Number of Credits	Number of Hours (Theoretical-Practical)	Total	
1	Medical Imaging	**3**	**51**	**51**	**-**
2	Advanced Issues in Optical Spectrum and Medical Audiometry	**2**	**34**	**34**	**-**
3	Cellular and Molecular Biologic Principles	**2**	**34**	**34**	**-**
4	Theoretical Biology	**2**	**34**	**34**	**Only Theoretical**
5	Bioelectricity	**2**	**34**	**34**	**-**
6	Principles of Biomechanics	**2**	**34**	**34**	**-**
7	Electromagnetic Fields and their Application in Medicine	**2**	**34**	**34**	**-**
	Total		**15**		