

Admission Year	2023	Program	Master
Plan Type	Comprehensive exam	Semester	First
Hours		Item Type	Department Elective
Group NO		Max Registration hrs	6
Faculty	6		
Department	1		
Special Department	Science		
Gender	Physics		
	Medical Physics		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
MPHY 611	Biophysics	3		( )	Online
MPHY 662	Physics of Radiotherapy (2)	3		( )	Blended
MPHY 682	Physics of Medical Imaging (2)	3		( )	Online
MPHY 683	Image Processing and Analysis	3		( )	Online
MPHY 691	Special Topics in Medical Physics	3		( )	Online
PHYS 601	MATHEMATICAL PHYSICS	3		( ف ٦٠١ )	Normal
PHYS 633	Computational Physics	3		( ف ٦٣٣ )	Online
PHYS 641	NUCLEAR PHYSICS (1)	3		( ف ٦٤١ )	Blended
PHYS 649	Nuclear Measurements	3		( )	Blended

Admission Year	2023	Program	Master
Plan Type	Comprehensive exam	Semester	First
Hours		Item Type	Department Mandatory
Group NO	27	Max Registration hrs	27
Faculty	1		
Department			
Special Department	Science		
Gender	Physics		
	Medical Physics		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
MPHY 602A	Anatomy and Physiology for Physicists	2		( )	Online
MPHY 641	Radiation Physics	3		( )	Normal
MPHY 642	Radiobiology	2		( )	Online
MPHY 643	Health Physics and Radiation Protection	3		( )	Normal
MPHY 644A	Physics of Nuclear Medicine	2		( )	Blended
MPHY 661	Physics of Radiotherapy (1)	3		( )	Normal
MPHY 681	Physics of Medical Imaging (1)	3		( )	Normal
MPHY 692A	Practical Training in Medical Imaging	3		( )	Normal
MPHY 692B	Practical Training in Nuclear Medicine	3		( )	Normal
MPHY 692C	Practical Training in Radiotherapy	3		( )	Normal
MPHY 698	COMPREHENSIVE EXAM	0		( )	Blended