

Admission Year	2023	Program	Master
Plan Type	Thesis	Semester	First
Hours	6	Item Type	Department Elective
Group NO	1	Max Registration hrs	6
Faculty	Science		
Department	Physics		
Special Department	Medical Physics		
Gender	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	Thesis	Semester	First
Hours	27	Item Type	Department Mandatory
Group NO	1	Max Registration hrs	27
Faculty	Science		
Department	Physics		
Special Department	Medical Physics		
Gender	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 699A	MASTER THESIS	0		()	Blended
MPHY 699B	MASTER THESIS	3		()	Blended
MPHY 699C	MASTER THESIS	6		()	Blended
MPHY 699D	MASTER THESIS	9		()	Blended