

Admission Year	2023	Program	Master
Plan Type	Comprehensive exam	Semester	First
Hours		Item Type	Department Elective
Group NO		Max Registration hrs	9
Faculty	9		
Department	1		
Special Department		Science	
Gender		Physics	
		Physics	
		BOTH	

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
PHYS 603	GENERAL THEORY OF RELATIVITY	3		( ف ٦٠٣ )	Online
PHYS 605	PLASMA PHYSICS	3		( ف ٦٠٥ )	Blended
PHYS 616	Biophysics	3		( ف ٦١٦ )	Online
PHYS 621	ADVANCED LABORATORY 1	3		( ف ٦٢١ )	Blended
PHYS 633	Computational Physics	3		( ف ٦٣٣ )	Online
PHYS 643	ELEMENTARY PARTICLE PHYSICS	3		( ف ٦٤٣ )	Blended
PHYS 644	ATOMIC AND MOLECULAR PHYSICS	3		( ف ٦٤٤ )	Blended
PHYS 647	Radiation Physics	3		( ف ٦٤٧ )	Normal
PHYS 649	Nuclear Measurements	3		( )	Blended
PHYS 681	QUANTUM OPTICS	3		( ف ٦٨١ )	Online
PHYS 691	SPECIAL TOPICS	3		( ف ٦٩١ )	Online

Admission Year	2023	Program	Master
Plan Type	Comprehensive exam	Semester	First
Hours		Item Type	Department Mandatory
Group NO	24	Max Registration hrs	24
Faculty	1		
Department			
Special Department	Science		
Gender	Physics		
	Physics		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
PHYS 601	MATHEMATICAL PHYSICS	3		( ف ٦٠١ )	Normal
PHYS 611	CLASSICAL MECHANICS	3		( ف ٦١١ )	Normal
PHYS 631	ELECTRODYNAMICS	3		( ف ٦٣١ )	Normal
PHYS 641	NUCLEAR PHYSICS (1)	3		( ف ٦٤١ )	Blended
PHYS 651	QUANTUM MECHANICS	3		( ف ٦٥١ )	Normal
PHYS 661	STATISTICAL MECHANICS	3		( ف ٦٦١ )	Blended
PHYS 671	SOLID STATE PHYSICS	3		( ف ٦٧١ )	Blended
PHYS 692	Scientific Research	3		( )	Blended
PHYS 698	COMPREHENSIVE EXAM	0		( ف ٦٩٨ )	Normal