

Admission Year	2023	Program	Master
Plan Type	Thesis	Semester	First
Hours	9	Item Type	Department Elective
Group NO	1	Max Registration hrs	9
Faculty	Science		
Department	Physics		
Special Department	Physics		
Gender	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 641	NUCLEAR PHYSICS (1)	3		( ف ٦٤١ )	Blended
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 671	SOLID STATE PHYSICS	3		( ف ٦٧١ )	Blended
PHYS 681	QUANTUM OPTICS	3		( ف ٦٨١ )	Online
PHYS 691	SPECIAL TOPICS	3		( ف ٦٩١ )	Online

Admission Year	2023	Program	Master
Plan Type	Thesis	Semester	First
Hours	24	Item Type	Department Mandatory
Group NO	1	Max Registration hrs	24
Faculty	Science		
Department	Physics		
Special Department	Physics		
Gender	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 651	QUANTUM MECHANICS	3		( ف ٦٥١ )	Normal
PHYS 661	STATISTICAL MECHANICS	3		( ف ٦٦١ )	Blended
PHYS 699A	MASTER THESIS	0		( ف ١٦٩٩ )	Blended
PHYS 699B	MASTER THESIS	3		( ف ٦٩٩ ب )	Blended
PHYS 699C	MASTER THESIS	6		( ف ٦٩٩ ج )	Blended
PHYS 699D	MASTER THESIS	9		( ف ٦٩٩ د )	Blended