

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	Mathematics		
Special Department	Mathematics		
Gender	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
MATH 603	ADVANCED PARTIAL DIFFERENTIAL EQUATIONS	3		( ٦٠٣ ر )	Blended
MATH 612	FUNCTIONAL ANALYSIS	3		( ٦١٢ ر )	Blended
MATH 613	COMPLEX ANALYSIS	3		( ٦١٣ ر )	
MATH 616	THEORY OF OPERATORS	3		( ٦١٦ ر )	Blended
MATH 623	APPROXIMATION THEORY	3		( ٦٢٣ ر )	
MATH 642	MODERN ALGEBRA 2 (GALIOS THEORY)	3		( ٦٤٢ ر )	Online
MATH 643	MODERN ALGEBRA 3 (COMMUTATIVE RINGS)	3		( ٦٤٣ ر )	Blended
MATH 648	Advanced Linear Algebra	3		( )	
MATH 649	Advanced Number Theory and Cryptography	3		( )	Blended
MATH 652	Fuzzy Set Theory and its Applications	3		( )	
MATH 662	ADVANCED GENERAL TOPOLOGY 2	3		( ٦٦٢ ر )	
MATH 663	ALGEBRAIC TOPOLOGY	3		( ٦٦٣ ر )	
MATH 671	ADVANCED MATHEMATICAL METHODS	3		( ٦٧١ ر )	
MATH 676	APPLIED GRAPH THEORY	3		( ٦٧٦ ر )	Blended
MATH 697	TOPICS IN MATHEMATICS	3		( )	Blended

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	Mathematics		
Special Department	Mathematics		
Gender	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
MATH 601	THEORY OF ORDINARY DIFF. EQS. & ITS APPLICATIONS	3		( ر ٦٠١ )	Normal
MATH 611	MEASURE THEORY AND INTEGRATION	3		( ر ٦١١ )	Normal
MATH 621	ADVANCED NUMERICAL ANALYSIS	3		( ر ٦٢١ )	Blended
MATH 641	MODERN ALGEBRA 1 (GROUP THEORY)	3		( ر ٦٤١ )	Normal
MATH 661	ADVANCED GENERAL TOPOLOGY 1	3		( ر ٦٦١ )	Normal
MATH 699A	MASTER THESIS	0		( ر ١٦٩٩ )	Blended
MATH 699B	MASTER THESIS	3		( ر ٦٩٩ ب )	Blended
MATH 699C	MASTER THESIS	6		( ر ٦٩٩ ج )	Blended
MATH 699D	MASTER THESIS	9		( ر ٥٦٩٩ )	Blended