

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	Mathematics		
	Mathematics		
	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 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 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 697	TOPICS IN MATHEMATICS	3		()	Blended

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	Mathematics		
	Mathematics		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
MATH 601	THEORY OF ORDINARY DIFF. EQS. & ITS APPLICATIONS	3		(٦٠١ ر)	Normal
MATH 611	MEASURE THEORY AND INTEGRATION	3		(٦١١ ر)	Normal
MATH 613	COMPLEX ANALYSIS	3		(٦١٣ ر)	
MATH 621	ADVANCED NUMERICAL ANALYSIS	3		(٦٢١ ر)	Blended
MATH 641	MODERN ALGEBRA 1 (GROUP THEORY)	3		(٦٤١ ر)	Normal
MATH 643	MODERN ALGEBRA 3 (COMMUTATIVE RINGS)	3		(٦٤٣ ر)	Blended
MATH 661	ADVANCED GENERAL TOPOLOGY 1	3		(٦٦١ ر)	Normal
MATH 676	APPLIED GRAPH THEORY	3		(٦٧٦ ر)	Blended
MATH 698	COMPREHENSIVE EXAM	0		(٦٩٨ ر)	Blended