



L E B A N E S E
I N T E R N A T I O N A L
U N I V E R S I T Y

Major Title: Master of Science in Applied Mathematics
Major Code: MMTH
Level: graduate
Number Of Credits: 36
Version: 2
Version
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Master of Science in Applied Mathematics (MMTH)

Major Electives

Code	Title	Credits	Prerequisites	Corequisites
	Major Elective	3		
	Major Elective	3		
	Major Elective	3		
	Major Elective	3		
Total		12		

Core Requirements

Code	Title	Credits	Prerequisites	Corequisites
MATH502	Algebra	3		
MATH505	Numerical linear algebra	3		
MATH510	Real Analysis	3		
MATH520	Functional Analysis	3		
MATH522	Topology	3		
MATH560	Modern Differential Geometry	3	MATH520	
Total		18		

Major Requirements

Code	Title	Credits	Prerequisites	Corequisites
MATH649	Master Thesis(Part I)	3		
MATH699	Master Thesis(Part II)	3		
Total		6		

Major Elective Courses

Code	Title	Credits	Prerequisites	Corequisites
MATH500 (Set A)	Complex Analysis	3		
MATH518 (Set A)	Topics in Number Theory	3		
MATH540 (Set A)	Partial Differential Equations	3	MATH520	
MATH545 (Set A)	Ordinary Differential Equations	3		
MATH555 (Set A)	Dynamical Systems	3	MATH545	
MATH556 (Set A)	Matrix Theory	3		
MATH583 (Set A)	Topics in Mathematics	3		
MATH585 (Set A)	Topics in Applied Mathematics	3		