



**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
Date: 2025-10-06
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Master of Science in Applied Mathematics (MMTH)

First Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
MATH502	Algebra	3		
MATH522	Topology	3		
	Major Elective	3		
Total		9		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
MATH510	Real Analysis	3		
	Major Elective	3		
MATH505	Numerical linear algebra	3		
Total		9		

Second Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
MATH520	Functional Analysis	3		
MATH649	Master Thesis(Part I)	3		
	Major Elective	3		
Total		9		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
MATH560	Modern Differential Geometry	3	MATH520	
	Major Elective	3		
MATH699	Master Thesis(Part II)	3		
Total		9		