LEBANESE INTERNATIONAL UNIVERSITY

Major Title: Master of Science in Applied Mathematics
Major Code: MMTH
Level: graduate
Number Of Credits: 36
Date: 2025-10-06

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		
	Major Elective	3		
MATH699	Master Thesis(Part II)	3		
Total		9		