Study Plan for Master of Mathematics (Courses)

First level						
Course code	Course name	pre-requisite	Academic units			
			Theoretical	Practical	Total	
MATH 620	Differential Equations		3	1	3	
MATH 632	Linear Algebra		3	1	3	
MATH 610	Research Methodology		3	1	3	
MATH 633	Numerical Analysis		3	1	3	
Total unit			12	4	12	

Second level						
Course code	Course name	pre-requisite	Academic units			
			Theoretical	Practical	Total	
MATH 629	Complex Analysis		3	1	3	
MATH 626	Numerical Linear Algebra		3	1	3	
MATH 615	Partial Differential Equations (I)		3	1	3	
MATH 634	Differential Manifolds		3	1	3	
Total unit			12	4	12	

Third level					
Course code	Course name	pre-requisite	Academic units		
			Theoretical	Practical	Total
MATH 611	Fluid Dynamics		3	1	3
MATH 619	Quantum Mechanics (I)		3	1	3
MATH 614	Applied Partial Differential Equations		3	1	3
MATH	Elective Course		3	1	3
Total unit			12	4	12

Fourth level					
Course code	Course name	ime pre-requisite	Academic units		
			Theoretical	Practical	Total
MATH 635	Geometry of Manifolds		3	1	3
MATH	Elective Course		3	1	3
MATH	Elective Course		3	1	3
Total unit			9	3	9

Fifth level						
Course code	Course name	pre-requisite	Academic units			
			Theoretical	Practical	Total	
MATH 617	Heat Transfer		3	1	3	
MATH	Elective Course		3	1	3	
MATH	Elective Course		3	1	3	
Total unit			9	3	9	

Sixth level						
Course code	Course name	pre-requisite	Academic units			
			Theoretical	Practical	Total	
MATH 695	Research Project		6	0	6	
MATH	Elective Course		3	1	3	
Total unit			9	1	9	