

M.Sc. in Applied Mathematics Program Structure

1. Year 1 for Applied Mathematics (Total Credits: 19 Cr)

Applied Mathematics Year 1 / Semester 1					
Course Code	Course Title	Cr	L	P	Prerequisite
ENG 601	Scientific English Writing	3	3	0	
MATH 601	Advanced Computational Methods	3	3	0	
MATH 603	Real Analysis	3	3	0	
MATH 691	Graduate Seminar 1	1	1	0	
Total		10			

Applied Mathematics Year 1 / Semester 2					
Course Code	Course Title	Cr	L	P	Prerequisite
MATH 612	Functional Analysis	3	3	0	
MATH 615	Advanced Differential Equations	3	3	0	
Mathematics Electives		3	3	0	
Total		9			

2. Year 2 for Applied Mathematics (Total Credits: 21 Cr)

Applied Mathematics Year 2 / Semester 1					
Course Code	Course Title	Cr	L	P	Prerequisite
MATH 692	Graduate Seminar 2	1	1	0	
MATH 694	M.Sc. Thesis 1	2	0	6	
MATH 695	M.Sc. Thesis 2	3	0	9	
MATH 696	M.Sc. Thesis 3	3	0	9	
Mathematics Electives		3	3	0	
Total		12			

Applied Mathematics Year 2 / Semester 2					
Course Code	Course Title	Cr	L	P	Prerequisite
MATH 697	M.Sc. Thesis 4	3	0	9	
MATH 698	M.Sc. Thesis 5	3	0	9	
MATH 699	M.Sc. Thesis 6	3	0	9	
Total		9			