King Khalid University

College of Science
Department of Mathematics

KING KHALID UNIVERSITY

جامعة الملك خالد

كلية العلوم
قسم الرياضيات

Study plan of the Master of Science in Mathematics program (Thesis)
(Number of program hours = 32)

First Year

First level				Second level			
Code	Course Name	Hr	Requisite	Code	Course Name	Hr	Requisite
6221MATH-3	Measure Theory	3		6203MATH-3	Functional Analysis	3	
6421MATH-3	Linear Algebra	3		6301MATH-3	Probability Theory	3	
6621MATH-3	Partial Differential Equations	3		6423MATH-3	Abstract Algebra	3	
Total		**9**		**Total**		**9**	

Second Year

Third level				Forth level			
Code	Course Name	Hr	Requisite	Code	Course Name	Hr	Requisite
6901MATH-2	Special Course	2		6902MATH-6	Thesis	6	
****MATH-3	Elective Course 1	3		**Total**		**6**	
****MATH-3	Elective Course 2	3					
Total		**8**					

Elective Courses

Code	Course Name	Hr	Requisite
6204MATH-3	Special Topics in Analysis	3	-----
6302STAT-3	Mathematical Statistics	3	-----
6303MATH-3	Special Topics in Statistics and Probability	3	-----
6405MATH-3	Rings and Fields	3	-----
6406MATH-3	Special Topics in Algebra	3	-----
6603MATH-3	Numerical Analysis	3	-----
6604MATH-3	Special Topics in Applied Mathematics	3	-----
6701MATH-3	Topology	3	-----
6204MATH-3	Special Topics in Analysis	3	-----