Curriculum Map for Department of Mathematics Learning Goals and Objectives

	PREFIX	Course	1.a	1.b	1.c	1.d	2.a	2.b	2.c	2.d	2.e	3.a	3.b	3.c	4.a	4.b
Premajor	CSC 126															
	MTH 214															
	MTH 229	Calculus Computer Laboratory										I	I			
	MTH 230	Calculus I with Pre-Calculus														
	MTH 231	Analytic Geometry and Calculus I	I				I									
	MTH 232	Analytic Geometry and Calculus II	R				I									
	MTH 233	Analytic Geometry and Calculus III	R				I									
Required	MTH 311	Probability Theory and an Introduction to Mathematical Statistics	I	i			I								I	
	MTH 330	Applied Mathematical Analysis I	I	i			I						I		I	
	MTH 334	Differential Equations	I	I			I						I		I	
	MTH 338	Linear Algebra	I		I	I	I	I	I	I					I	
	MTH 339	Applied Algebra		I	I	I	R	I	I	I	I				I	
	MTH 341	Advanced Calculus I	M		I	I	R	I	I	I	I				I	
Elective																
Purish	MTH 306	History of Mathematical Thought														I
	MTH 329	Geometry														
	MTH 342	Advanced Calculus II														
	MTH 347	Number Theory														
	MTH 350	Mathematical Logic														
	MTH 360	Actuarial Science														
	MTH 410	Mathematical Statistics I														
	MTH 411	Mathematical Statistics II														
	MTH 431	Complex Analysis														
	MTH 440	Foundations of Mathematics														
	MTH 441	Topology														
	MTH 442	Abstract Algebra														
	MTH 518	Cryptology														
	MTH 519	Differential Geometry														
Appiedish	MTH 335	Numerical Analysis														
	MTH 337	Applied Combinatorics and Graph Theory														
	MTH 331	Applied Mathematical Analysis II														
	MTH 370	Operations Research														
	MTH 415	Mathematical Biology										I				
	MTH 416	Mathematics of Finance										I		I		
	MTH 435	Nonlinear Dynamics and Chaos										I		I		
	MTH 437	Introduction to Mathematical Modeling										I	I	I		
	MTH 517	PDEs														