Pre- Health: YES NO

2008-2010 Mathematical Science Degree Plan

Faculty Advisor: _____

Need 51 Upper Level Hours to Graduate **Bachelor of Science - Statistics**

Contact Info:_____

STUDENT NAME:					
STUDENT ID:					
Course Title	Course #	HR	UTD	Grade	Transfer
Core Curriculum (45 Lower Division Hours)					
Freshman Seminar[1]	RHET 1101	1			
Rhetoric	RHET 1302	3			
Advanced Writing	NATS 4310	3			
US & Texas History[2]	HIST 1301	3			
US & Texas History[2]	HIST 1302	3			
US/TX Government	GOVT 2301	3			
US/TX Government	GOVT 2302	3			
Humanities[2]	HUMA 1301	3			
Visual & Performing Arts[2]	ARTS 1301	3			
Social & Behavioral Sciences[2]		3			
Calculus I	MATH 2417	4			
Calculus II	MATH 2419	4			
1 Hr. Approved Science Core[2]		1			
Mechanics & Heat [3]	PHYS 2325	3			
Mechanics & Heat Lab[3]	PHYS 2125	1			
Electromagnetism & Waves[3]	PHYS 2326	3			
Electromagnetism & Waves Lab[3]	PHYS 2126	1			
Math Core Classes (15 Lower Division Hours)					
Linear Algebra	MATH 2418	4			
Differential Equations	MATH 2420	4			
Multivariable Calculus	MATH 2451	4			
Computer Science I[4]	CS 1337	3			

[1] Required for Freshman only.

[2] Refer to course catalog or contact an advisor for a list of approved core courses

[3] Can substitute CHEM 1311, 1111, 1312, 1112

[4] Prerequisite: CS 1336/1136

[5] Approval of Mathematical Science Faculty Advisor required.

PREPARED BY:					
DATE:					
Course Title	Course #	HR	UTD	Grade	Transfer
Math Core Upper Division (21 Upper Division Hours)					
Theoretical Concepts of Calculus	MATH 3310	3			
Abstract Algebra I	MATH 3311	3			
Complex Variables	MATH 3379	3			
Math Analysis I	MATH 4301	3			
Math Analysis II	MATH 4302	3			
Numerical Analysis	MATH 4334	3			
Probability	STAT 4351	3			
12 Hours Statistics Option(All Upper Level)					
Data Analysis for Statisticians & Actuaries	STAT 3355	3			
Mathematical Statistics	STAT 4352	3			
Stochastic Processes	STAT 4382	3			
Upper Level Guided Math Elective[5]					
6 Hrs Advanced Electives (Upper Division & Outside of Major)					
Free Electives 21 Hours (Use to satisfy 51 Upper Level Hours Req)					

Minimum Semester Hours: 120 (With 51 upper level hours)