Pre-Health: YES NO

2008-2010 Mathematical Science Degree Plan

Faculty Advisor: _____

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

Contact Info: _____

STUDENT NAME:					
STUDENT ID:					
Course Title	Course Name	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	PHYS 2325	3			
Mechanics & Heat Lab	PHYS 2125	1			
Electromagnetism & Waves	PHYS 2326	3			
Electromagnetism & Waves Lab	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[3]	CS 1337	3			

PREPARED BY:					
DATE:					
Course Title	Course Name	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 Applied Math Option (All Upper Level)					
Topology	MATH 4341	3			
Methods for Applied Mathematics	MATH 4355	3			
Partial Differential Equations	MATH 4362	3			
Stochastic Processes	STAT 4382	3			
6 Hrs Advanced Electives (Upper Division & Outside of Major)					
Free Electives 21 Hours (Use to satisfy 51 Upper Level Hours Req)					

[1] Required for Freshman only.

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

[3] Prerequisite: CS 1336/1136

[4] Approval of Mathematical Science Faculty Advisor required.

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