2006-2008 Mathematical Sciences

MATHEMATICAL SCIENCE UTD DEGREE PLAN- Bachelor of Science- 120 hrs

NAME: _____ FACULTY ADVISOR: _____ PRE-HEALTH: YES NO rev.5/06

SS #: _____ Conact Info: _____ NEED 51 UPPER DIVISION HRS TO GRADUATE

PHONE: _____ Minor or Double Major: _____ * *= Additional Options Available - See Advisor

Core Curriculum (45 Lower Division Hours)					Math Core Upper Division Hours (21 Upper Division Hours)				
		SEM	GRADE	TRANSFER			SEM	GRADE	TRANSFER
Freshman Seminar	RHET 1101				Theorectical Concepts of Cal	MATH 3310			
Rhetoric (Composition II)	RHET 1302				Abstract Algebra	MATH 3311			
Advanced Writing	NATS 4310				Complex Variables	MATH 3379			
US History to Civil War	** HIST 1301				Math Analysis I	MATH 4301			
US History since Civil War	** HIST 1302				Math Analysis II	MATH 4302			
Constit. Fd & Pol Behav US & TX	GOVT 2301				Numerical Analysis	MATH 4334			
Political Institutions in US & TX	GOVT 2302				Probability	STAT 4351			
Fine Arts	** ARTS 1301				12 Hours Options = Applied Math or Statistics or Mathematics				
Humanities	* * HUMA 1301								
Social & Behavioral Sciences Elective									
Calculus I & Problem Section	MATH 2417								
Calculus II & Problem Section	MATH 2419								
1 Hr. Approved Science Core - See Advisor					6 Hours Advanced Electives (Outside of Major) - Lower Div. w/ pre-reqs or UD				
Mechanics & Heat	# PHYS 2325								
Mechanics & Heat Lab	# PHYS 2125								
Electromagnetism & Waves	# PHYS 2326				20 Hours Free Electives (UD electives can be used to satisfy 51 UD course req.)				
Electromagnetism & Waves Lab	# PHYS 2126								
MAJOR CORE CLASSES (16 Lower Division Hours)									
Linear Algebra & Problem Section	MATH 2418								
Differential Equations & Problem Sec.	MATH 2420								
Multivariable Calculus & Problem Sec.	MATH 2451								
Computer Science I and lab	CS 1336/1136								
# = STAT MAJORS CAN SUBSTITUTE CHEMISTRY 1311, 1111, 1312, 1112 w/ recitations									