2006-2008

PHYSICS UTD DEGREE PLAN- Bachelor of Science- 123 hrs

NAME: _____ FACULTY ADVISOR: _____ PRE-HEALTH: YES NO rev.05/09/06

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

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

Core Curriculum 45 hours (42 lower division and 3 upper division hours)					Physics Core Upper Division Hours (41 Upper Division Hours)				
		SEM	GRADE	TRANSFER			SEM	GRADE	TRANSFER
Freshman Seminar	RHET 1101				Theorectical Physics	PHYS 3311			
Rhetoric (Composition II)	RHET 1302				Classical Mechanics	PHYS 3312			
Advanced Writing or Senior Honors	NATS 4310 or PHYS 4399				Numerical Methods	PHYS 3330			
US History to Civil War	** HIST 1301				Modern Physics I	PHYS 3352			
US History since Civil War	** HIST 1302				Electricity and Magnetism I	PHYS 3416			
Constit. Fd & Pol Behav US & TX	GOVT 2301				Electronics	PHYS 3325			
Political Institutions in US & TX	GOVT 2302				Electronics Lab	PHYS 3125			
Fine Arts	** ARTS 1301				Thermo & Statistical Mech	PHYS 4311			
Humanities	* * HUMA 1301				Physical Measurements Lab I	PHYS 4373			
Social & Behavioral Sciences Elective					Quantum Mechanics I	PHYS 4301			
Calculus I & Problem Section	MATH 2417				Optics	PHYS 4328			
Calculus II & Problem Section	MATH 2419				Modern Physics II	PHYS 4352			
Mechanics Lab	PHYS 2125				6 Hours of Physics Electives				
Chemistry I	CHEM 1311				Physics Elective:				
Chemistry I Lab and Recitation	CHEM 1111 / CHEM 1011				Physics Elective:				
Chemistry II	CHEM 1312				6 Hours Advanced Electives (Outside of Major) Lower div. w/ pre-reqs or upper division				
Chemistry II Lab and Recitation	CHEM 1112 / CHEM 1012								
MAJOR CORE CLASSES (19 Lower Division Hours)									
Fun of Physics	PHYS 1100				12 Hours Free Electives (UD electives can be used to satisfy 51 UD requirement, if needed)				
Multivariable Calculus & Problem Sec.	MATH 2451								
Differential Equations & Problem Sec.	MATH 2420								
Contemporary Physics	PHYS 2303								
Mechanics	PHYS 2325								
Electromagnetism & Waves	PHYS 2326								
Electromagnetism & Waves Lab	PHYS 2126								