

UTSA BACHELOR OF SCIENCE IN PHYSICS 2008-10

NAME:

Banner ID:

45 hrs required PHY* Core:	Semester	Grade	School	27 hrs Required Support:	Semester	Grade	School
PHY 1943 Phys for Sci I				CHE 1103 Gen Chem I* or			
PHY 1951 Phys for Sci I Lab				CHE 1143 Gen Che I HON			
PHY 1963 Phys for Sci II				CHE 1113 Gen Chem II* or			
PHY 1971 Phys for Sci II Lab				CHE 1153 Gen Che II HON			
PHY 1983 Phys for Sci III				CHE 1132 Gen Che II Lab*			
PHY 1991 Phys for Sci III Lab				CS 1073 Intro Comp Prog			
PHY 3103 Modern Physics				MAT 1214 Calculus I			
PHY 3203 Classical Mech I				MAT 1223 Calculus II			
PHY 3293 Thermal Physics				MAT 2213 Calculus III			
PHY 3343 Advanced Phys Lab				MAT 2233 Linear Algebra			
PHY 3423 Elec & Magnetism				MAT 3613 Diff. Equations I			
PHY 3443 Modern Optics				6 Approved hrs in COS:	Semester	Grade	School
PHY 3513 Electrodynamics							
PHY 3823 Mathematical Phy I							
PHY 4263 Quantum Mech I				33 hr CORE CURRICULUM See catalog for choices.			
PHY 4423 Quantum Mech II							
PHY 4823 Mathematical Phy II							

*All courses have a MAT prerequisite

9 hrs from the following (including max of 6 hr from either PHY 4911-3 or PHY 4953):	Semester	Grade	School
AST 3003 Intro to Astrophysics			
PHY 3143 Comp Visualization*			
PHY 3313 Solid State Phys*			
PHY 3453 Lasers*			
PHY 4013 Relativity*			
PHY 4033 Cosmology*			
PHY 4133 Num Methods*			
PHY 4203 Classical Mech II*			
PHY 4563 Biophotonics*			
PHY 4833 Molec. Biophysics*			
PHY 4911-3 Indep Study			
PHY 4953 Spec Studies			
PHY 4993 Honors Research			

Rhetoric	Course	Grade	School
Rhetoric: 6 hrs	WRC 1013		
	WRC 1023		

Domain IA Math: 3 hrs satisfied in major/support	
Domain IB Nat. Sci: 6 hrs satisfied in major/support	
Domain IIA	
U.S. History: 6 hrs	
HIS 1043 or 1053 or 2053	
Domain IIB	
Political Sci: 6 hrs	POL 1013
POL 1133 or 1213	
Domain IIC	
Soc/Beh Sci: 3 hrs	
Domain IID	
Economics: 3 hrs	ECO
Domain IIIA	
Literature: 3 hrs	
Domain IIIB	
The Arts: 3 hrs	
Domain IV	
World Soc/Issues: 3 hrs	

All required and elective PHY courses must have a grade of 'C'.
 The total hours for the BS in Physics is 120.
 39 hours must be completed at the UD (3000-4000) level.
 It is understood that all other provisions of the catalog must be met.

Advisor's Signature

Date