

2006-2008 CATALOG
 Degree Application Worksheet for
THE BACHELOR OF SCIENCE DEGREE IN PHYSICS

NAME:

Banner ID:

45 hrs Required Physics Core:	Semester	Grade	School	27 hrs Required Support:	Semester	Grade
PHY 1943 Phys for Scientists I*				CHE 1103 Gen Chem I*		
PHY 1951 Phys for Sci I Lab*				CHE 1113 Gen Chem II*		
PHY 1963 Phys for Scientists II*				CHE 1132 Gen Chem II Lab*		
PHY 1971 Phys for Sci II Lab*				CS 1073 Intro Comp Prog		
PHY 1983 Phys for Sci III*				MAT 1214 Calculus I		
PHY 1991 Phys for Sci III Lab*				MAT 1223 Calculus II		
PHY 3103 Modern Physics*				MAT 2213 Calculus III		
PHY 3203 Classical Mech I*				MAT 2233 Linear Algebra		
PHY 3293 Thermal Physics*				MAT 3613 Differential Eq		
PHY 3343 Adv Phys Lab *				9 hrs in COS:	Semester	Grade
PHY 3423 Elec & Magnetism*						
PHY 3443 Modern Optics*						
PHY 3513 Electrodynamics*						
PHY 3823 Mathematical Phys I*						
PHY 4263 Quantum Mech I*						
PHY 4423 Quantum Mech II*						
PHY 4823 Mathematical Phys II*						

CORE CURRICULUM: 33 hours

See catalog for course selection.

Rhetoric

Rhetoric: 6 hrs

Course	Grade
WRC 1013	
WRC 1023	

*Requires MAT prerequisite

12 hrs from the following:

	Semester	Grade	School
PHY 3143 Comp Visualization*			
PHY 3313 Solid State Phys*			
PHY 3453 Lasers: Theory & App*			
PHY 4013 Relativity: Spec & Gen*			
PHY 4033 Cosmology*			
PHY 4133 Num Meth for Phys*			
PHY 4203 Classical Mech II*			
PHY 4563 Biophotonics*			
PHY 4833 Modern Biophysics*			
PHY 4911-3 Indep Study			
PHY 4953 Spec Studies			
PHY 4993 Honors Research			

Domain IA

Mathematics: 3 hrs satisfied in major/support work

Domain IB

Natural Sciences: 6 hrs satisfied in major/support work

Domain IIA

U.S. History: 6 hrs

HIS 1043 or 1053 or 2053

Domain IIB

Political Sci: 6 hrs

POL 1133 or 1213

POL 1013	

Domain IIC

Soc/Beh Sci: 3 hrs

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Domain IID

Economics: 3 hrs

ECO	
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Domain IIIA

Literature: 3 hrs

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Domain IIIB

The Arts: 3 hrs

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Domain IV

World Soc & Issues: 3 hrs

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All required and elective PHY courses must have a grade of 'C'.
 It is understood that all other provisions of the catalog must be met.
 The total hours for the BS in Physics is 126.
 39 hours must be completed at the UD (3000-4000) level.

Advisor's Signature

Date

School

School

School

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work

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