

UNDERGRADUATE DEGREE PLAN

DEPARTMENT OF PHYSICS

BACHELOR OF SCIENCE SEQUENCE

COLLEGE OF ARTS AND SCIENCES

PRAIRIE VIEW A&M UNIVERSITY

Name: _____

SID: _____

Sex: Male _____ Female _____

Date of Birth: Month _____ Day _____ Year _____

Marital Status: Single _____ Married _____

PERSONAL HOME ADDRESS:

STREET: _____
CITY: _____
STATE: _____
ZIP: _____
PHONE: _____

PARENT/GUARDIAN:

NAME: _____
STREET: _____
CITY: _____
STATE: _____
ZIP CODE: _____
PHONE: _____

LOCAL/CAMPUS ADDRESS:

DORM/STREET#: _____
CITY: _____
STATE: _____
ZIP CODE: _____
PHONE: _____

CAREER OBJECTIVES:

CLASSIFICATION: _____ FRESHMAN _____ SOPHOMORE _____ JUNIOR _____ SENIOR _____ SPECIAL _____ TRANSFER

MAJOR: _____

MAJOR-2/MINOR: _____

INITIAL DATE OF ENROLLMENT:

AT COLLEGE/UNIVERSITY:

MONTH _____ YEAR _____

AT PRAIRIE VIEW A&M UNIVERSITY:

MONTH _____ YEAR _____

IN THE PHYSICS DEPARTMENT:

MONTH _____ YEAR _____

EXPECTED GRADUATION DATE:

MONTH _____ YEAR _____

ADVISOR:

BLDG/ROOM#: _____

PHONE#: _____

PHYSICS DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>		<i>Semester/Year</i>	<i>Hours</i>	<i>Grade</i>
COMP 1013	Introduction to Computer Science			
ENGL 1123	Freshman Composition I			
MATH 1124	Calculus & Analytical Geometry I			
POSC 1113	American Government I			
SPCH 1003	Fundamentals of Speech Communication			
Total				

<i>Second Semester</i>		<i>Semester/Year</i>	<i>Hours</i>	<i>Grade</i>
PHYS 1001	Physics as a Profession			
PHYS 2513	University Physics I			
PHYS 2511	University Physics Lab I			
ENGL 1133	Freshman Composition II			
MATH 2024	Calculus & Analytical Geometry II			
CHEM 1013	General Inorganic Chemistry I			
CHEM 1011	Inorganic Chemistry Lab I			
Total				

SOPHOMORE YEAR

<i>First Semester</i>		<i>Semester/Year</i>	<i>Hours</i>	<i>Grade</i>
PHYS 2523	University Physics II			
PHYS 2521	University Physics Lab II			
CHEM 1023	General Inorganic Chemistry II			
CHEM 1021	Inorganic Chemistry Lab II			
MATH 2034	Calculus & Analytical Geometry III			
HIST 1313	U.S. to 1876			
Total				

<i>Second Semester</i>		<i>Semester/Year</i>	<i>Hours</i>	<i>Grade</i>
HIST 1323	The U.S.-1876 to Present			
MATH 2043	Differential Equations I			
CORE	Visual & Performing Arts Option			
CORE	Foreign Language OR Visual & Performing Arts OR Computing			
POSC 1123	American Government II			
Total				

JUNIOR YEAR

<i>First Semester</i>		<i>Semester/Year</i>	<i>Hours</i>	<i>Grade</i>
PHYS 3103	Mechanics I			
PHYS 3123	Electricity & Magnetism I			
PHYS 3183	Modern Physics I			
	Technical Elective			
	Specialization Area			
Total				

<i>Second Semester</i>		<i>Semester/Year</i>	<i>Hours</i>	<i>Grade</i>
	Technical Elective			
PHYS 3163	Mathematical Physics I			
	Specialization Area			
PHYS 4011	Physics Seminar			
MATH 3023	Probability and Statistics			
Total				

SENIOR YEAR

<i>First Semester</i>		<i>Semester/Year</i>	<i>Hours</i>	<i>Grade</i>
	Specialization Area			
	Specialization Area			
PHYS 4103	Advanced Physics Lab			
PHYS 4023	Introduction to Quantum Mechanics I			
	Technical Elective			
Total				

<i>Second Semester</i>		<i>Semester/Year</i>	<i>Hours</i>	<i>Grade</i>
CORE	Social or Behavioral Science Option			
	Specialization Area			
	Technical Elective			
	Specialization Area			
PHYS 4473	Senior Research Project			
Total				