

**CURRICULUM LEADING TO THE DEGREE
OF BACHELOR OF SCIENCE IN
PHYSICS
(For Students Starting With Calculus I)
(123 Credits)**

FRESHMAN

First Semester	Credits	Second Semester	Credits
ET250 Tech. Comm	3	CS150 Intro. Comp. w/App	3
E150 Eng. Comp & Comm	3	E151 Eng. Comp & Comm	3
M158	4	M168	4
C150 General Chemistry I	3	C152 General Chemistry II	3
C151 Gen. Chemistry I Lab	1	C153 Gen. Chemistry II Lab	1
UNIV101 Univ Comm	2	M 250 Linear Algebra/Sci	3
Total	16		17

SOPHOMORE

First Semester	Credits	Second Semester	Credits
H250 or H251 World History	3	ET 255...Eng. Econ. Analysis	3
P254...Gen. Physics I w/Calc	3	E250 or E251...World Lit	3
P251...General Physics I Lab	1	P255...Gen. Physics II w/Calc	3
M278	4	P253...General Physics II Lab	1
Personal Wellness Comp1	2	M 403 Differential Equation	3
<u>ELECTIVE</u>	<u>3</u>		
Total	16		13

JUNIOR

First Semester	Credits	Second Semester	Credits
P203...Gen. Physics III w/Calc	3	P313...Radioisotope Lab	3
P223...General Physics III Lab	1	P406...Intro Modern Physics	3
P403...Thermodynamics	3	Language Component II	3
Suggested Elective	3	P304...Mechanics II	3
P303...Mechanics I	3	FINE ARTS COMPONENT	3
<u>Language Component I</u>	<u>3</u>	HU250...African-Amer Exp	3
Total	16		18

SENIOR

First Semester	Credits	Second Semester	Credits
<u>ELECTIVE</u>	<u>3</u>	P402...Electricity & Mag II.	3
SOC/PSY Component	3	P 410 Intro. Quantum Mech	3
P401...Electricity & Mag. I	3	Suggested Elective	3
P407...Advanced Laboratory	3	<u>ELECTIVE</u>	<u>3</u>
<u>Suggested Elective</u>	<u>3</u>		
Total	15		12

Wellness Comp.: PE150 or MS150..Mil. Sci. or HED151.Pers/Comm. Hlth.....2 hrs
 Fine Arts Comp.: A250..Art App. or MU250...Music App. or D254..Intro Drama.....3 hrs

Soc/Psy Component: PSY250...Gen. Psychology, or SOC250...Intro. Sociology.....3 hrs
 Language Comp.: Computer Language I&II, or French 101&102 or German 101&102 ...6 hrs

Suggested Electives (PHYSICS): P 301, P 302, P 326, P 338, P 498-499.
 Suggested Electives (ADVANCED MATH TRACT): M 208, M 309/310, M 314, M 350,
 M 404/405/406, M 407.
 Suggested Electives (COMPUTER SCIENCE TRACT): CS 161, CS 171, CS 201/202, CS 402/403.