

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN PHYSICS

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
PHYS 101 General Physics I.....	4	PHYS 102 General Physics II.....	4
PHYS 135 Horizons in Physics.....	1	ASTR 207 Introduction to Stars, Galaxies, & Cosmology.....	3
COMP 141 Computer Programming I.....	3	MATH 162 Calculus II.....	4
MATH 161 Calculus I.....	4	WRIT 101 Foundations of Academic Discourse.....	3
HUMA 102 Civ and the Biblical Revelation.....	<u>3</u>	PHYE 100 Healthful Living.....	<u>1</u>
	15		15

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
PHYS 210 Electronics.....	4	PHYS 242 Introduction to Theoretical Physics.....	3
MATH 261 Calculus III.....	4	PHYS 234 Modern Physics.....	3
HUMA 202 Civilization and Literature.....	3	PHYS 288 Intermediate Laboratory.....	2
SSFT Course.....	<u>2</u>	HUMA 200 Western Civilization.....	3
General Electives.....	<u>4</u>	General Electives.....	<u>6</u>
	17		17

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 105 Chemistry for Engineers.....	4	PHYS 321 Radiation Laboratory.....	2
PHYS 303 Mechanics I.....	3	PHYS 431 Quantum Mechanics.....	3
PHYS 305 Electricity & Magnetism.....	3	Physics Elective.....	3
Technical Electives.....	3	MATH 262 Differential Equations.....	3
HUMA 301 Civilization and the Arts.....	3	MATH 263 Numerical Differential Equations.....	1
	16	HUMA 303 Christianity and Civilization.....	<u>3</u>
			15

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
Physics Elective.....	3	Physics Electives.....	6
Technical Electives.....	4	Technical Electives.....	4
Foundations of Social Science Course.....	3	General Electives.....	<u>7</u>
General Electives.....	<u>6</u>		17
	16		