*The following roadmap is a sample academic planning resource. Please consult your academic advisor and Academic Catalog for graduation requirements as you develop your individualized academic plan.

College: College of Natural Sciences and Mathematics

Degree: BS – Bachelor of Science

Major: Physics (Biophysics)*

Term #	Course #	Course Title	Units
	MATH 30	Calculus I	4
1	BIO 1	Biodiversity, Evolution, and Ecology	5
1 2 3 4	X	General Education Requirement Area A1	3
	X	General Education Requirement Area E	3
		Semester Total	l 15
	MATH 31	Calculus II	4
	PHYS 11A	General Physics: Mechanics	4
2	CHEM 1A	General Chemistry I	5
	X	General Education Requirement Area A2	3
		Semester Total	I 16
	MATH 32	Calculus III	4
2	PHYS 11C	General Physics: Electricity and Magnetism	4
	MATH 30 Calculus I BIO 1 Biodiversity, Evolution, and Ecology X General Education Requirement Area A1 X General Education Requirement Area E Semester Total MATH 31 Calculus II PHYS 11A General Physics: Mechanics CHEM 1A General Chemistry I X General Education Requirement Area A2 MATH 32 Calculus III	5	
		3	
		Semester Total	I 16
	MATH 45	Differential Equations for Science and Engineering	3
1	PHYS 11B	General Physics: Heat, Light, Sound, Modern Physics	4
4	CHEM 1B	General Chemistry II	5
	ENGL 20	College Composition II	3
		Semester Total	l 15

*The following roadmap is a sample academic planning resource. Please consult your academic advisor and Academic Catalog for graduation requirements as you develop your individualized academic plan.

Term #	Course #	Course Title	Units
	PHYS 105	Mathematical Methods in Physics	3
	PHYS 106	Introduction to Modern Physics	3
5	PHYS 115	Electronics and Instrumentation	4
6	PHYS 162	Scientific Computing: Basic Methods	3
	X	American Institutions (GOVT)	3
		Semester Total	16
	PHYS 110	Classical Mechanics	3
	PHYS 124	Thermodynamics and Statistical Mechanics	3
7	PHYS 199	Special Problems	1
	X	General Education Requirement Area C1	3
	X	General Education Requirement Area C2	3
	X	General Education Requirement Area F	3
		Semester Total	16
	PHYS 172	Biological Physics	3
	X	PHYS Elective	3
7	X	General Education Requirement Area C	3
	X	American Institutions (US HIST)	3
	X	Upper Division General Education Requirement Area B5	3
		Semester Total	15
	PHYS 135	Electricity and Magnetism	3
PHYS 105 Mathematical Methodology PHYS 106 Introduction to Mode PHYS 115 Electronics and Institution PHYS 162 Scientific Computing X American Institution PHYS 110 Classical Mechanical PHYS 124 Thermodynamics at PHYS 199 Special Problems X General Education X PHYS 172 Biological Physics X PHYS Elective X PHYS Elective X General Education X General Education X General Education X Dependent Physics X PHYS Elective X PHYS Elective X Dependent Physics X PHYS 135 Electricity and Magenty PHYS 135 Advanced Physics X PHYS 116, PHYS X Upper Division General Education Dependent Physics Advanced Physics A Dependent Physics X PHYS 116, PHYS X Upper Division General Education Dependent Physics A Dependent Physics A Dependent Physics PHYS 116, PHYS X Upper Division General Education Dependent Physics A Dependent Physics PHYS 116, PHYS X Upper Division General Education Dependent Physics PHYS 116, PHYS X Upper Division General Education Dependent Physics PHYS 116, PHYS X Upper Division General Education Dependent Physics PHYS 116, PHYS X Upper Division General Education Dependent Physics PHYS 116, PHYS X Upper Division General Education Dependent Physics PHYS 116, PHYS X Upper Division General Education PHYS 116, PHYS X Upper Division General Education PHYS 116, PHYS X Upper Division General Education PHYS PHYS 116, PHYS X Upper Division General Education PHYS PHYS 116, PHYS X Upper Division General Education PHYS PHYS 116, PHYS PHYS PHYS 116, PHYS PHYS PHYS 116, PHYS PHYS PHYS PHYS PHYS PHYS PHYS PHYS	Advanced Physics Laboratory	2	
	X	PHYS 116, PHYS 163, PHYS 191	3
	X	Upper Division General Education Requirement Area C + Writing Intensive	3
	Х	Upper Division General Education Requirement Area D	3
		Semester Total	14