

Department of Physics
Bachelor of Science in Physics (Biological Physics)
Major Code: PHYS
Concentration Code:

Curriculum Guide

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
FRST 101	1	CHEM 107	3
CHEM 106	3	CHEM 117	1
CHEM 116	1	MATH 132	4
MATH 131	4	ENGL 101	3
ENGL 100	3	BIOL 100	4
Afr. Amer. History & Culture (AA) ¹	3	PHYS 100	1
Semester Total	15	Semester Total	16
Sophomore Year: First Semester		Sophomore Year: Second Semester	
PHYS 241	3	PHYS 242	3
PHYS 251	1	PHYS 252	1
MATH 231	4	BIOL 102	3
BMEN 220	3	BMEN 3253	3
GEEN 161	2	Social/Behavioral Sciences (SBS) ⁴	3
Humanities / Fine Arts (HFA) ¹	3	Semester Total	13
Semester Total	16		
Junior Year: First Semester		Junior Year: Second Semester	
BIOL 221	4	PHYS 375	2
PHYS 433	3	PHYS 345	3
PHYS 3xx ²	3	PHYS 305	3
ENGL 331	3	PHYS 306	3
Concentration Elective ⁴	3	Global Awareness (GL) ¹	3
Semester Total	16	Semester Total	14
Senior Year: First Semester		Senior Year: Second Semester	
PHYS 494 ⁵	3	Concentration Elective ⁴	3
PHYS 430	3	Concentration Elective ⁴	3
PHYS 475	2	Disciplinary Elective ²	3
PHYS 492	1	PHYS 3xx ²	3
Concentration Elective ⁴	3	Free Elective ⁶	3
Concentration Elective ⁴	3	Semester Total	15
Semester Total	15		

Total Credit Hours: 120

¹Courses may only satisfy ONE general education requirement GL, AA, SBS, or HFA (e.g. LIBS 202 can satisfy HFA or AA, but not both).

²Physics electives (6 credit hours) numbered 300 or above.

³PHYS 494 - capstone course.

⁴Concentration Electives - (15 credit hours) Students under guidance of a faculty adviser can choose courses from physics, biology, chemistry, or bioengineering.

⁵Free electives (3 credit hours)

MAJOR PROGRAM REQUIREMENTS

Students must earn a C- or better in PHYS and MATH courses.