

Effective 2019-2020

Department of Physics
Bachelor of Science in Physics (Secondary Education)
 Major Code: Major Code: PHYS
 Concentration Code: PPSE

Curriculum Guide

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
FRST 101	1	PHYS 100	1
PHYS 110	2	CUIN 101	1
PHYS 111	1	CUIN 110	2
MATH 131	4	MATH 132	4
GEEN 160	2	PHYS 241	3
ENGL 100	3	PHYS 251	1
CUIN 102	2	ENGL 101	3
Semester Total	15	Semester Total	15
Sophomore Year: First Semester		Sophomore Year: Second Semester	
PHYS 242	3	PHYS 305	3
PHYS 252	1	PHYS 306	3
MATH 231	4	PHYS 345	3
CHEM 106	3	CHEM 107	3
CHEM 116	1	CHEM 117	1
CUIN 210	2	CUIN 225	2
Humanities/Fine Arts (HFA) ¹	3	Semester Total	15
Semester Total	17		
Junior Year: First Semester		Junior Year: Second Semester	
PHYS 400	3	Global Awareness (GL) ¹	3
PHYS 101 or ASME 151	3	Social/Behavioral Sciences (SBS) ¹	3
PHYS 415	3	CUIN or PSYC Elective	3
PHYS 375	2	Free Elective ⁵	3
Afr. Amer. Culture & History (AA) ¹	3	Science Elective ⁴	3
CUIN 410	2	CUIN 420	2
Semester Total	16	Semester Total	17
Senior Year: First Semester		Senior Year: Second Semester	
PHYS 430	3	CUIN 498	9
PHYS 420	3	CUIN 470 ²	3
Free Elective ⁵	3	Semester Total	12
CUIN 435	3		
PHYS 492	1		
Semester Total	13		

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).

²CUIN 470 – Education capstone course.

³PHYS 494 – Physics capstone course.

⁴This must be a science elective other than a Physics Course.

⁵Free electives (6 hours) – It is suggested that these hours be FOLA courses.

MAJOR PROGRAM REQUIREMENTS

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