

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

2020-2021

**Curriculum Guide**

Course	CR	Course	CR
<b>Freshman Year: First Semester</b>		<b>Freshman Year: Second Semester</b>	
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
<b>Semester Total</b>	<b>15</b>	<b>Semester Total</b>	<b>15</b>
<b>Sophomore Year: First Semester</b>		<b>Sophomore Year: Second Semester</b>	
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) <sup>1</sup>	3	<b>Semester Total</b>	<b>15</b>
<b>Semester Total</b>	<b>17</b>		
<b>Junior Year: First Semester</b>		<b>Junior Year: Second Semester</b>	
PHYS 400	3	Global Awareness (GL) <sup>1</sup>	3
PHYS 101 or ASME 151	3	Social/Behavioral Sciences (SBS) <sup>1</sup>	3
PHYS 415	3	CUIN or PSYC Elective	3
PHYS 375	2	Free Elective <sup>5</sup>	3
Afr. Amer. Culture & History (AA) <sup>1</sup>	3	Science Elective <sup>4</sup>	3
CUIN 410	2	CUIN 420	2
<b>Semester Total</b>	<b>16</b>	<b>Semester Total</b>	<b>17</b>
<b>Senior Year: First Semester</b>		<b>Senior Year: Second Semester</b>	
PHYS 430	3	CUIN 498	9
PHYS 420	3	CUIN 470 <sup>2</sup>	3
Free Elective <sup>5</sup>	3	<b>Semester Total</b>	<b>12</b>
CUIN 435	3		
PHYS 492	1		
<b>Semester Total</b>	<b>13</b>		

**Total Credit Hours: 120**

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

<sup>2</sup>CUIN 470 – Education capstone course.

<sup>3</sup>PHYS 494 – Physics capstone course.

<sup>4</sup>This must be a science elective other than a Physics Course.

<sup>5</sup>Free 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.*