

## 2019-2020 Pathway for Bachelor of Science in Biology (Pre-Medical)

*Please see your academic advisor to develop your individual plan. This is only meant to be a guide.*

**A maximum of 64 hours is transferable from a North Carolina Community College.**

<b>Freshman/First Year</b>							
<b>First Semester - Fall</b>				<b>Second Semester - Spring</b>			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
BIO 111	BIOL 101	4	UGETC: Nat. Sci.- AA/AS	BIO 112	BIOL 102	4	UGETC: Nat. Sci.- AS
ACA 122	BIOL 105	1	AA/AS Req. Course		BIOL 205	1	
CHM 151	CHEM 106/116	4	UGETC: Nat. Sci.- AA/AS	CHM 152	CHEM 107/117	4	UGETC: Nat. Science- AS
ENG 111	ENGL 100	3	UGETC: Eng Comp- AA /AS	ENG 112	ENGL 101	3	UGETC: Eng Comp- AA & AS
	MATH 110 <sup>1</sup>	4		MAT 271	MATH 131	4	UGETC: Math- AS
<b>Total Credit Hours</b>			<b>16</b>	<b>Total Credit Hours</b>			<b>16</b>

<b>Sophomore/Second Year</b>							
<b>Third Semester - Fall</b>				<b>Fourth Semester - Spring</b>			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
BIO 275	BIOL 221	4	Pre-Major/Elective	BIO 285	BIOL 200	3	Pre-Major/Elective
	BIOL 210	3		BIO 250	BIOL 366	3	Pre-Major/Elective
CHM 251	CHEM 221/223	4	Pre-Major/Elective	CHM 252	CHEM 222	3	Pre-Major/Elective
PHY 151	PHYS 225/235	4	UGETC: Nat.Sci-AS		CHEM 224	2	
				MAT 152	MATH 224	3	
				PHY 152	PHYS 226/236	4	UGETC: Nat. Science- AS
<b>Total Credit Hours</b>			<b>15</b>	<b>Total Credit Hours</b>			<b>18</b>

Junior/Third Year							
Fifth Semester - Fall				Sixth Semester - Spring			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
	BIOL 301	4		BIO 265	BIOL 305	4	Pre-Major/Elective
	BIOL 304	3	UGETC::Nat Sci-AS		BIOL 325	3	
	CHEM 451	3			Global Awareness <sup>2</sup>	3	
	Social & Behavioral Sci. Elective <sup>2</sup>	3			Ethics Elective <sup>4</sup>	3	
	Free Elective <sup>3</sup>	3					
<b>Total Credit Hours</b>				<b>Total Credit Hours</b>			
16				13			

Senior/Fourth Year							
Seventh Semester - Fall				Eighth Semester - Spring			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
BIO 140	BIOL 410	3	GEN ED: Nat. Sci.		BIOL 496	3	
BIO 163 or BIO 168	BIOL 350	4		BIO 165 or BIO 166 or BIO 169	BIOL 351	4	
	Knowledge of African-American Culture and History <sup>2</sup>	3			BIOL Elective <sup>5</sup>	3	
	Free Elective <sup>3</sup>	3			Humanities & Fine Arts Elective <sup>5</sup>	3	
<b>Total Credit Hours</b>				<b>Total Credit Hours</b>			
13				13			

**Total Required Hours: 120**

<sup>1</sup>Students not eligible to enroll in MATH 110 must complete prerequisite(s).

<sup>2</sup>See the list of courses which may be taken as Social & Behavioral Sciences, Knowledge of African American Culture and History, Humanities/Fine Arts, and Global Awareness electives.

<sup>3</sup>Any course taught by the university; free electives must total 6 or more credit hours.

<sup>4</sup>Student must take one of the following courses: BIOL 468, PHIL 316, PHIL 317, **or** PHIL 320.

<sup>5</sup>Any 100 level Physical Education "Activity Class."

<sup>6</sup>Biology electives must be numbered 300 or above.

### **MAJOR PROGRAM REQUIREMENTS**

*Students must earn a cumulative GPA of 2.0 or better in BIOL courses.*

**All of your GEN ED and UGETC requirements are satisfied, if you have earned an Associate in Arts or Associate in Science Degree from a North Carolina Community College.**

