

**STUDENT/ADVISOR WORK SHEET  
2019-2020**

Student Name: \_\_\_\_\_ ID number: \_\_\_\_\_

<b>A. General Biology (Required)</b>	<b>Credits</b>	<b>✓</b>	<b>C. Other Required Courses</b>	<b>Credits</b>	<b>✓</b>
BIOS 1207 and 1207L Biol Prin	4		CHEM 1211K Chem Princ I	4	
BIOS 1208 and 1208L Oran. Biol	4		CHEM 1212K Chem Princ II	4	
BIOS 2300 or 2310 Ecology	3		MATH 1551 Differential Calculus	2	
BIOS 2600 or 2610 Genetics	3		MATH 1555 Integral Calc	4	
BIOS 3600 Evolution	3		MATH 1553 Linear Algebra	2	
BIOS 3450 Cell & Molecular Bio	3		CHEM 2311 Organic Chem I	3	
BIOS 4460 Comm Biol Research	1		CHEM 2313 Bio-Organic Chem	3	
<b>Choose 2 from:</b>			CHEM 2380 Synthesis Lab	2	
BIOS 2301 or 2311 Ecology Lab	1		PHYS 2211 Physics I	4	
BIOS 2601 or 2611 Genetics Lab	1		PHYS 2212 Physics II	4	
BIOS 3451 Cell & Molec Bio Lab	1		CS 1301 or 1315 or 1371	3	
<b>Choose 1 from:</b>			APPH 1040 or 1050 Wellness	2	
BIOS 2400 Math Models Bio	3		<b>Total</b>	<b>37</b>	
BIOS 4150 Genomics & App Binf	3				
BIOS 4401 Exp Des and Stat	3				
			<b>D.-E. Social Sciences/Humanities</b>	<b>Credits</b>	<b>✓</b>
			History/Political Science	3	
			Social Science	3	
<b>Choose 1 from:</b>			Social Science	3	
BIOS 4590 Research Project Lab	3		Social Science	3	
BIOS 4690 Ind. Research Proj	3		<b>Total</b>	<b>12</b>	
BIOS 4691 Research Thesis	3				
<b>Total</b>	<b>29</b>		ENGL 1101	3	
			ENGL 1102	3	
			Humanities	3	
			Humanities	3	
<b>B. Biology Electives (21 hrs req)</b>	<b>Credits</b>	<b>✓</b>	<b>Total</b>	<b>12</b>	
<b>Depth Electives (min 12 cr)*</b>					
			<b>F. Free Electives</b>	<b>Credits</b>	<b>✓</b>
			GT1000 (recommended)	1	
<b>Breadth Electives (max 9 cr)**</b>					
			<b>Total</b>	<b>11</b>	
<b>Total</b>	<b>21</b>		<b>Total for Graduation</b>	<b>122</b>	

\*Depth electives can be fulfilled with BIOS 3000 and higher courses excluding 4595, 4697, or 4699

\*\*Breadth electives can be fulfilled with any BIOS 3000 and higher courses or with approved non-BIOS courses; see the Biology Major Handbook for an approved list of non-BIOS courses