

**STUDENT/ADVISOR WORK SHEET  
2022-2023**

**Student Name:** \_\_\_\_\_

**ID number:** \_\_\_\_\_

<b>General Biology (Required)</b>	<b>Credits</b>	<b>✓</b>	<b>Other Required Courses</b>	<b>Credits</b>	<b>✓</b>
BIOS 1107 and 1107L or BIOS 1207 and 1207L Biol Principles	4		CHEM 1211K Chem Principles I	4	
BIOS 1108 and 1108L or BIOS 1208 and 1208L Organismal Bio	4		CHEM 1212K Chem Principles II	4	
BIOS 2300 or 2310 Ecology	3		MATH 1551 Differential Calculus	2	
BIOS 2600 or 2610 Genetics	3		MATH 1552 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 2312 Organic Chem II	3	
<b>Core lab requirement 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>Quantitative requirement Choose 1 from:</b>			APPH 1040 or 1050 Wellness	2	
BIOS 3400 Math Models Bio	3		<b>Total</b>	<b>37</b>	
BIOS 4150 Genomics & App Binf	3		<b>English &amp; Humanities</b>	<b>Credits</b>	<b>✓</b>
BIOS 4401 Exp Des and Stat	3		ENGL 1101	3	
<b>Senior Research requirement Choose 1 from:</b>			ENGL 1102	3	
BIOS 4590 Research Project Lab	3		Humanities	3	
BIOS 4690 Ind. Research Project	3		Humanities	3	
<b>Total</b>	<b>29</b>		<b>Total</b>	<b>12</b>	
<b>Biology Electives (21 hrs req)</b>	<b>Credits</b>	<b>✓</b>	<b>Social Sciences/Constitution &amp; History Requirements</b>	<b>Credits</b>	<b>✓</b>
<b>Depth Electives (min 12 cr)<sup>1</sup></b>			Social Science (may include US History <sup>3</sup> requirement)	3	
			Social Science (may include US Constitution <sup>3</sup> requirement)	3	
			Social Science	3	
			Social Science	3	
			US History <sup>3</sup>	(0-3)	
			US Constitution <sup>3</sup>	(0-3)	
			GA History <sup>3</sup>	0	
<b>Breadth Electives (max 9 cr)<sup>2</sup></b>			GA Constitution <sup>3</sup>	0	
			<b>Total</b>	<b>12</b>	
			<b>Free Electives</b>	<b>Credits</b>	<b>✓</b>
			GT1000 (recommended)	1	
<b>Total</b>	<b>21</b>				
<b>SEE IMPORTANT NOTES ON FOLLOWING PAGE</b>					
			<b>Total</b>	<b>11</b>	
			<b>Total for Graduation</b>	<b>122</b>	

## NOTES

Pass-fail allowed for Free Electives only. Refer to Institute rules for maximum pass-fail credits allowed.

<sup>1</sup>Depth electives can be fulfilled with BIOS 3000 and higher courses excluding 4595, 4697, or 4699

<sup>2</sup>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

<sup>3</sup>The four Constitution and History Requirements must be completed before 90 credit hours and are fulfilled as follows: US HISTORY fulfilled by HIST 2111, HIST 2112, equivalent transfer/AP/IB credit, or passing the United States History Module Examination; US CONSTITUTION fulfilled by INTA 1200, POL 1101, PUBP 3000, equivalent transfer/AP/IB credit, equivalent transfer/AP/IB credit, or passing the United States Constitution Module Examination; GA HISTORY fulfilled by passing the Georgia History Module Examination; GA CONSTITUTION fulfilled by passing the Constitution of Georgia Module Examination. HIST 2111 or HIST 2112 may be used to fulfill both the US History requirement and count toward Social Science requirements. INTA 1200, POL 1101, or PUBP 3000 may be used to fulfill both the US Constitution requirement and count toward Social Science requirements. Note that all students must complete least one of these five courses (HIST 2111, HIST 2112, INTA 1200, POL 1101, or PUBP 3000) to fulfill Core Area E requirements; courses may be completed at GT or via AP/IB/Transfer credit. Note that the Examinations do not carry any academic credit.