

STUDENT/ADVISOR WORK SHEET
updated 9/27/2021

Student Name: _____ ID number: _____

A. General Biology (Required)	Credits	✓	C. Other Required Courses	Credits	✓
BIOS 1107 and 1107L or BIOS 1207 and 1207L Biol Prin	4		CHEM 1211K Chem Princ I	4	
BIOS 1108 and 1108L o 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 2312 Organic Chem II or CHEM 2313 Bio-Organic Chem	3	
Choose 2 from:			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	
Choose 1 from:			APPH 1040 or 1050 Wellness	2	
BIOS 2400 Math Models Bio	3		Total	37	
BIOS 4150 Genomics & App Binf	3				
BIOS 4401 Exp Des and Stat	3				
			D.-E. Social Sciences/Humanities	Credits	✓
			History/Political Science	3	
			Social Science	3	
Choose 1 from:			Social Science	3	
BIOS 4590 Research Project Lab	3		Social Science	3	
BIOS 4690 Ind. Research Proj	3		Total	12	
Total	29				
			ENGL 1101	3	
			ENGL 1102	3	
			Humanities	3	
			Humanities	3	
B. Biology Electives (21 hrs req)	Credits	✓			
Depth Electives (min 12 cr)*			Total	12	
			F. Free Electives	Credits	✓
			GT1000 (recommended)	1	
Breadth Electives (max 9 cr)**					
			Total	11	
Total	21		Total for Graduation	122	

*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