

2028 Academic Planning Form: BIOLOGY B.S.

5/31/2024

	Fall Semester	# of Credits	Spring Semester	# of Credits	Total Year Credits
1st Year	DWC 101 (4 credit hrs; Honors 5 credit hrs)	4	DWC 102 (4 credit hrs; Honors 5 credits hrs)	4	
	BIO 103 General Biology I (Natural Science Core)	4	BIO 104 General Biology II	4	
	CHM 101 General Chemistry I (Natural Science Core)	4	CHM 102 General Chemistry II	4	
	MTH 109 Calculus I (Quantitative Reasoning Core)	3	MTH 110 Calculus II	3	
		15		15	30
2nd Year	DWC 201 (4 credit hrs; Honors 5 credit hrs)	4	DWC 202 (4 credit hrs; Honors 5 credits hrs)	4	
	CHM 201 Organic Chemistry I	4	CHM 202 Organic Chemistry II	4	
	Core or BIO 200 Int. Cell Bio & Mol. Genetics (Intensive Writing II Prof.)	3	Core or BIO 200 Int. Cell Bio & Mol. Genetics (Intensive Writing II Prof.)	3	
	Core/Elective	3	Core/Elective	3	
		14		14	28
3rd Year	BIO Elective w/ Lab	4	BIO Elective w/ Lab	4	
	EPS 101 General Physics I	4	EPS 102 General Physics II	4	
	Core/Elective	3	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
	Elective (optional)	3	Core/Elective	3	
		14		17	31
4th Year	BIO Elective	3	BIO Elective	3	
	BIO Elective w/ Lab	4	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
		16		15	31
Graduation Requirement includes a minimum of 120 credit hours			Total Program of Study Credits		120
**BIO BS Majors fulfill the Natural Science and Quantitative Reasoning Cores along with the Intensive Writing II Proficiency as indicated.					
Core requirements include a foundational component, core focus, and satisfaction of all proficiencies.					
Foundational Component:			Proficiencies:		
<ul style="list-style-type: none"> DWC - 4 semester sequence, 16-20 cr. Theology (200 & 300 level) - 6 cr. Philosophy (1 Ethics) - 6 cr. Natural Science - 3 cr. (BIO 103 or CHM 101)** Social Science - 3 cr. Quantitative Reasoning - 3 cr. (MTH 109 or higher)** Fine Arts - 3 cr. 			<ul style="list-style-type: none"> Intensive Writing - I Intensive Writing - II (BIO 200)** Diversity Civic Engagement Oral Proficiency 		
Major Requirements (BIO BS Courses):					
<ul style="list-style-type: none"> BIO 103, BIO 104, BIO 200 CHM 101, CHM 102, CHM 201, CHM 202 MTH 109, MTH 110 (or higher) 			<ul style="list-style-type: none"> EPS 101, EPS 102 5 BIO Electives, 3 of these electives must be lab courses (4 cr. each) 		

Cell: A2

Comment: Coccia, Julie

Change date to: 5/16/22

5/16/2022 2:26 PM

Reply: Coccia, Julie

After BIOLOGY B.S. add: (SUGGESTED FORMAT)

5/16/2022 2:26 PM

Reply: Coccia, Julie

Replace all "Core" and Free Elective" with "Core or Free Elective"

5/16/2022 2:26 PM

Reply: Coccia, Julie

Replace all "BIO Elective w/Lab" with "BIO Elective"

5/16/2022 3:20 PM

Reply: Coccia, Julie

In Year 2, Fall Semester: Remove first "Core", in Spring remove "BIO 200" and replace both with "Core or BIO 200 Int. Cell Bio and Mol Genetics (Intensive Writing II Prof.)"

5/16/2022 3:23 PM

Reply: Coccia, Julie

Replace all remaining "Core" and "Free Elective" with "Core or Free Elective"

5/16/2022 3:27 PM