

2027 Academic Planning Form: BIOLOGY B.S.

5/18/2023

1st courses recommended for Biology - BIO 103

	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	3	Core	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	3	Core	3	
	Core	3	Core	3	
	Elective (optional)		Core	3	
		14		17	31
4th Year	BIO Elective	3	BIO Elective	3	
	BIO Elective w/ Lab	4	Core	3	
	Core	3	Free Elective	3	
	Core	3	Free Elective	3	
	Core	3	Free 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:

- 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.

Proficiencies:

- Intensive Writing - I
- Intensive Writing - II (BIO 200)**
- Diversity
- Civic Engagement
- Oral Proficiency

Major Requirements (BIO BS Courses):

- BIO 103, BIO 104, BIO 200
- CHM 101, CHM 102, CHM 201, CHM 202
- MTH 109, MTH 110 (or higher)
- EPS 101, EPS 102
- 5 BIO Electives, 3 of these electives must be lab courses (4 cr. each)