

2027 Academic Planning Form: ENVIRONMENTAL BIOLOGY B.S.

5/18/2023

1st courses recommended for Biology - BIO 103

	Fall Semester	# of Credits	Spring Semester	# of Credits	Total Year Credits
<b>1<sup>st</sup> Year</b>	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	Core or Env Humanities/Social Sci (see Note 3)	3	
		<b>15</b>		<b>15</b>	
<b>2<sup>nd</sup> Year</b>	DWC 201 (4 credit hrs; Honors 5 credit hrs)	4	DWC 202 (4 credit hrs; Honors 5 credits hrs)	4	
	BIO 202 Foundations of Environmental Biology (Writing II Proficiency)	3	BIO 250 Biogeochemistry	3	
	MTH 218 Biostatistics	3	BIO 340 Environmental Methods & Statistical Analysis	4	
	BIO Elective	4	BIO Elective	3	
	Free Elective	3	Core or Env Humanities/Social Sci (see Note 3)	4	
		<b>17</b>		<b>17</b>	
<b>3<sup>rd</sup> Year</b>	BIO Elective	3	BIO Elective	3	
	BIO Elective or Free Elective	4	BIO Elective or Free Elective	4	
	Env Humanities/Social Sci (see Note 3)	3	Env Humanities/Social Sci (see Note 3)	3	
	Env Humanities/Social Sci (see Note 3)	3	Core Proficiency	3	
	Free Elective	3	Free Elective	3	
		<b>16</b>		<b>16</b>	
<b>4<sup>th</sup> Year</b>	BIO Elective	3	BIO Elective	3	
	BIO Elective or Free Elective	4	BIO Elective or Free Elective	3	
	Core Proficiency	3	Core Proficiency	3	
	Free Elective	3	Free Elective	3	
	Free Elective (Research or Internship encouraged)	3	Free Elective (Research or Internship encouraged)	3	
		<b>16</b>		<b>15</b>	
<b>*Graduation Requirement includes a minimum of 120 credit hours*</b>			<b>Total Program of Study Credits</b>		<b>127</b>

**NOTES:** 1) BIO ELECTIVES must be from: BIO 220, 225, 230, 240, 310, 350, 395, 396, 401, 450, 451, 495, 496, ATS course with Chair permission (475, 476, 479, 480), or these interdisciplinary courses: INT 379, MTH 110, PSCI 212 (Geology at RI College with pre-approval) Core or Env Humanities/Social Sci (see Note 3)  
 2) Field-Based Lab Courses must be from: BIO 220, 240, 350, 401, ATS courses with Chair permission (BIO 476, 479, 480)  
 3) TWO OR MORE of the following Environmental Humanities /Social Science courses are HIGHLY RECOMMENDED and many will fulfill core/proficiency requirements. ECN 335, ECN 342, ENG 440, ENG 441, GST 418, PHL 239, PHL 339, PHL 429, PSC 217, PSC 318, SOC 333, THL 324

**Core requirements include a foundational component and satisfaction of all proficiencies.**

Foundational Component:	Proficiencies:
<ul style="list-style-type: none"> <li>DWC - 4 semester sequence, 16-20 cr.</li> <li>Theology (200 &amp; 300 level) - 6 cr.</li> <li>Philosophy (1 Ethics) - 6 cr.</li> <li>Natural Science - 3 cr. (BIO 103 or CHM 101)**</li> <li>Social Science - 3 cr.</li> <li>Quantitative Reasoning - 3 cr. (MTH 109)**</li> <li>Fine Arts - 3 cr.</li> </ul>	<ul style="list-style-type: none"> <li>Intensive Writing - I</li> <li>Intensive Writing - II (fulfilled by BIO 202)**</li> <li>Diversity</li> <li>Civic Engagement</li> <li>Oral Proficiency</li> </ul>

**Major Requirements :**

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| <ul style="list-style-type: none"> <li>BIO 103, BIO 104, BIO 202, BIO 250, BIO 340</li> <li>CHM 101, CHM 102</li> <li>2 FIELD-BASED Lab courses (See Note 2)</li> </ul> | <ul style="list-style-type: none"> <li>5 BIO ELECTIVES (see Note 1) -- 2 of which must be lab courses and cannot overlap with the Field-based courses (See Note 2)</li> <li>MTH 109, MTH 218</li> </ul> |
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