

BS –Ecology Major Suggested Course Sequence
based on 2021-2022 catalog requirements

This Suggested Course Sequence is a potential plan for how to complete the major within four years. Please consult with a departmental faculty advisor for course advisement.

Year	Autumn Quarter	Winter Quarter	Spring Quarter	Any Quarter	Comments
1	BIO 1859 (1)*		MAT 2360		* Math Placement Test should be taken if you are at Math Level 0 or A at time of admission; Math Level B is a pre-requisite for BIO 2102, BIO 2103 and MAT 2360. Students who test into Level 0 or A should plan to take MAT 0144 and/or MAT 0145 to achieve Math Level B. Take calculus placement test if needed. ** BIO 2102 and 2103 can be taken in either order
	BIO 2101 (5) CHM 1211 (5)	BIO 2102 (5) CHM 1212 (5)	BIO 2103 (5)		
	CHM 1310 (5)	BIO 2101 (5) CHM 1211 (5)	BIO 2102 (5)** CHM 1212 (5)		
	CHM 1211 (5)	BIO 2101 (5) CHM 1212 (5)	BIO 2102 (5)**		
2	BIO 3310 (5)*	BIO 4360 (5) CHM 1330 (5)**	MAT 1221 (5)***	<ul style="list-style-type: none"> •10 credits of Applied Ecology from: BIO 3302, 3303, 3305, 4810, 4815, 4825, 4835, or 4840 in years 2-4.***** •8 additional credits of Electives in years 2-4 (see catalog for course options) •8 credits of Quantitative Supporting courses in years 2-4 (see catalog for course options) •3 credits of Field Bio in years 2-4 (see catalog for options). Courses from any section may be used in this category. 	* BIO 3310 is offered both Autumn and Spring quarters. **CHM 3371 may be taken instead of CHM 1330. ***MAT 1234/1235 is recommend for some post-graduate programs, instead of MAT 1221. ****Plan ahead as these are primarily summer or inter-term courses. May be applied toward Field Bio credits. Bio 4840 may be applied to this section or Quantitative Supporting section, but not both.
	BIO 2103 (5)				
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3	BIO 3325 (5)*		BIO 3453 (5)**	<ul style="list-style-type: none"> •BIO 3899 (1) •5 credits of Physiology Core selected from: BIO 4256, 4413, 4415, or 4418 in years 3-4. •Capstone experience: 3 credits of research: BIO 4978 (1) and 4979 (2) in years 3-4 or BIO 4899 (must take twice, 2 cr total) in year 4. 	* BIO 3325 is offered both Autumn and Winter. It is a pre-requisite for BIO 4330, which is only offered in Winter. ** May take BIO 4744 in summer instead. *** Physics series is recommended for most post-graduate programs Check the time schedule, as most upper division courses are offered only in certain quarters, and some courses are offered in alternate years.

4		BIO 4330 (5)		•5 additional credits from any upper-division BIO course or any non-Bio course listed as an elective	
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All courses are sequential, unless otherwise noted.

Autumn track BIO2101 (BPL3 and Chm Placement score >35); Winter track BIO2101 (BPL2 and/or Chm Placement score <35); Winter track BIO2101 (BPL2 and Chm Placement score >35)