

**BS –Ecology Major Suggested Course Sequence**  
based on 2018-2019 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
<b>1</b>	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. Take calculus placement test in Autumn. ** BIO 2102 and 2103 can be taken in either order
	BIO 2101 (5) CHM 1211 (5)	BIO 2102 or 2103 (5)** CHM 1212 (5)	BIO 2102 or 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)**		
<b>2</b>	BIO 3310 (5)	BIO 4360 (5) CHM 1330 (5)	MAT 1221*	<ul style="list-style-type: none"> <li>•10 credits of Advanced or Applied Ecology selected from: BIO 3302, 3303, 4810, 4815, 4825, 4835, or 4840 in years 2-4.**</li> <li>•8 additional credits of Restricted electives in years 2-4 (see catalog for course options)</li> <li>•8 credits of Quantitative Supporting in years 2-4 (see catalog for course options)</li> <li>•3 credits of Field Bio in years 2-4 (see catalog for options). Courses from any section may be used in this category.</li> </ul>	*MAT 1234/1235 is recommended 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 in this section or Quantitative supporting section, but not both.
	BIO 2103 (5) MAT 2360 (5)				
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<b>3</b>	BIO 3325 (5)*		BIO 3453 (5)**	<ul style="list-style-type: none"> <li>•BIO 3899 (1) any quarter</li> <li>•5 credits of Physiology Core selected from: BIO 4413, 4415, 4418 or 4256 in years 3-4.</li> <li>•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.</li> </ul>	* BIO 3325 is offered both Aut and Win. It is a pre-requisite for BIO 4330, which is only offered in Win. **May instead take BIO 4744 in summer
<b>4</b>		BIO 4330 (5)		<ul style="list-style-type: none"> <li>• 5 additional credits from any upper-division BIO course or any non-Bio course listed as an elective</li> </ul>	

*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)