

**BS – Biology 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)*			<ul style="list-style-type: none"> <li>•Students intending to pursue a career in the pre-professional health sciences should take PPHS 1200, 1800, and 3400 in years 1-4.</li> </ul>	* 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 ***May take CHM 3225 or BIO 4360 in place of CHM 1213/2213.
	BIO 2101 (5) CHM 1211 (5)	BIO 2102 (5) CHM 1212 (5)	BIO 2103 (5) CHM 1213 (3)*** CHM 2213 (2)***		
	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)** CHM 1213 (3)*** CHM 2213 (2)***		
2	CHM 3371 (5) PHY 1101 or 1121 (5)*	CHM 3372 (5) PHY 1102 or 1122 (5)*	CHM 3373 (5) PHY 1103 or 1123 (5)*	<ul style="list-style-type: none"> <li>•MAT 2360 (5)***</li> <li>•MAT 1221 (5) or MAT 1234 (5)****</li> <li>•3 credits of research: BIO 4978 (1) and 4979 (2) in years 2-4.</li> <li>•5 credits of Ecology from BIO 3302, 3303, 3305, 3310, 4810, 4815, 4825, 4835 or 4840 in years 2-4.</li> <li>•5 credits from BIO 3000, 3320, 3432, 3453, 4435, or 4744 in years 2-4.</li> </ul>	* Physics is recommended for most post-graduate programs **May take CHM 3225 or BIO 4360 in place of CHM 1213/2213. ***MAT 2360 is a prerequisite for BIO 3325 and BIO 4360 ****MAT 1235 is recommend for many post-graduate programs.
	BIO 2103 (5)		CHM 1213 (3)** CHM 2213 (2)**		
	BIO 2103 (5)				
3	BIO 3325 (5) *			<ul style="list-style-type: none"> <li>•BIO 3899 (1)</li> <li>•5 credits of Physiology selected from: BIO 4256, 4410, 4413, 4415, 4418, 4419 in years 3-4.</li> <li>•5 credits of Botany selected from: BIO 3453, 4415 or 4744 in years 3-4. May be met in other sections</li> <li>•3 credits of Field Bio in years 3-4 (see catalog for options). May be met in other sections.</li> <li>•12 credits upper division BIO courses in years 3-4 not used elsewhere in major.</li> </ul>	* BIO 3325 is offered both Autumn and Winter. It is a pre-requisite for BIO 4330, which is only offered in Winter, and for BIO 4352, which is only offered in Spring.  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)	BIO 4352 (5)	•BIO 4899 (must take twice, 2 cr total)	

*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)