

**BS - Physiology 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
<b>1</b>	BIO 1859 (1)*			Students intending to pursue a career in the pre-professional health sciences should take PPHS 1200, 1800, and 3400 in years 1-4.	* 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 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)		
<b>2</b>	PHY 1101 or 1121 (5)*	PHY 1102 or 1122 (5)	PHY 1103 or 1123 (5)	•MAT 2360 (5)**	* Physics is recommended for most post-graduate programs  **MAT 2360 is a prerequisite for BIO 3325
	CHM 3371 (5)	CHM 3372 (5)	CHM 3373 (5)		
	BIO 2103 (5)		CHM 1213 (3) CHM 2213 (2)		
	BIO 2103 (5) CHM 3371 (5)	CHM 3372 (5)	CHM 3373 (5)		
<b>3</b>		BIO 3325 (5) *		<ul style="list-style-type: none"> <li>•BIO 3899 (1)</li> <li>•5 credits of Math selected from: MAT 1221, BIO 4360 or MAT 1234**</li> <li>•15 credits of Physiology core courses selected from: BIO 4256, 4410, 4413, 4415, 4418 or 4419 in years 3-4.</li> <li>•5 credits of ecology and evolution core courses selected from: BIO 3000, 3302, 3303, 3304, 3305, 3310, 3432, 3434 (or 3436), 3453, 4330, 4744, 4810, 4815, 4825, 4835, 4840 or 4880 in years 3-4</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 BIO 4352, which is only offered in Spring. **MAT 1235 is also recommend for some 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.
	CHM 3371 (5)	CHM 3372 (5)	CHM 3373 (5)		
<b>4</b>			BIO 4352 (5)	<ul style="list-style-type: none"> <li>•BIO 4899 (must take twice, 2 cr total)</li> <li>•3 credits of ethics, health sciences or research from: BIO 3615 or BIO 4978 (1) &amp; 4979 (2) or HSC 4700 or PHI 1002 or 2222.</li> <li>•13 credits of mol/cel/micro core from: BIO 3320, 3350, 3351, 4325, 4418* 4419*, 4420, 4435, CHM 4361, 4362.**</li> </ul>	* BIO 4418 and 4419 can count in one, but not both of the physiology or mol/cel/micro cores. **CHM 4361 and 4362 are recommended preparation for the MCAT.

*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)