BS Applied Human Biology Suggested Course Sequence (2023-2024)

- Students should take the Chemistry Placement test (available in Canvas) prior to New Student Advising.
- A Chemistry Placement score ≥35 is a pre-requisite for BIO 2101 and CHM 1211.
- Students who score <35 on the Chemistry Placement test, or who would benefit from an introduction to Chemistry, should take CHM 1310 in Autumn quarter, then take BIO 2101 and CHM 1211 in Winter quarter.

Students interested in careers in the health sciences should take PPHS 1200, PPHS 1800 and PPHS 3400. BIO 3896 (Medical Terminology) may also be beneficial. See the <u>Pre-Professional Health Sciences program</u> website for more information.

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

Four-Year Plan (>35 on Chemistry Placement Test)

		YEA	IR 1
Autumn	Winter	Spring	Notes
BIO 1859 (1) CHM 1211 (5) UCOL 1000 (1) Any quarter:	BIO 2101 (5) * CHM 1212 (5) PPHS 1200 (1)	BIO 2102 (5) CHM 1213 (3) CHM 2213 (2)	Take Math Placement Test (in Canvas) if you are at Math Level 0 or A at time of admission; Math Level B is a prerequisite for BIO 2102, BIO 2103, CHM 1212 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
First-year general ed UFDN 1000)	ucation courses (WR	I 1000, WRI 1100, YEA	B. * Students who test at Math Placement Level B and who either score ≥45 on the Chemistry Placement Test or transfer in the complete General Chemistry sequence may take BIO 2103 in Autumn 2023.
Autumn	Winter	Spring	Notes
BIO 2103 (5) PHY 1101 or 1121 (5) Any quarter: • MAT 2360 (5) • PSY 1180 (5)	PHY 1102 or 1122 (5)	PHY 1103 or 1123 (5) PPHS 1800 (1)	MAT 2360 is a pre-requisite for some Biology electives.
		YEA	R 3
Autumn	Winter	Spring	Notes
BIO 2129 (5)	BIO 2130 (5) CHM 1330 (5) *	BIO 3351 (5) Apply to graduate!	* Some graduate programs require two quarters of Organic Chemistry (CHM 3371 and 3372, 10 credits) instead of CHM 1330.
		1 S. crestrer .	CIIW 1330.
following: PSY PSY 3360 (5) 10 credits of Focatalog for list).	neral Biology Electiv	gy from the 3480.	** BIO 3000 can count toward the Focused Electives or General Biology Electives category, but not both. Ensure that you will have sufficient upper-division credits to meet the 60 minimum required for graduation. Check the time schedule, as most upper division courses are offered only in certain quarters. Consult with your faculty advisor to select Focused Electives and Biology Electives best suited toward your
 5 credits of Devifollowing: PSY PSY 3360 (5) 10 credits of Focatalog for list). 10 credits of German 	2470, 3460, 3475 or 3 cused Electives in yea ** neral Biology Electiv	gy from the 3480. Ars $3 - 4$ (see es in years $3 - 4$	** BIO 3000 can count toward the Focused Electives or General Biology Electives category, but not both. Ensure that you will have sufficient upper-division credits to meet the 60 minimum required for graduation. Check the time schedule, as most upper division courses are offered only in certain quarters. Consult with your faculty advisor to select Focused Electives and Biology Electives best suited toward your professional goals.
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5 credits of Devision following: PSY PSY 3360 (5) 10 credits of Foundation for list). 10 credits of General for see catalog for list. Autumn PPHS 3400 (2) Any quarter:	2470, 3460, 3475 or 3 cused Electives in yea ** neral Biology Electiv list).	y from the 3480. ars 3 – 4 (see es in years 3 – 4 Spring BIO 3896 (2)	** BIO 3000 can count toward the Focused Electives or General Biology Electives category, but not both. Ensure that you will have sufficient upper-division credits to meet the 60 minimum required for graduation. Check the time schedule, as most upper division courses are offered only in certain quarters. Consult with your faculty advisor to select Focused Electives and Biology Electives best suited toward your professional goals.

Four-Year Plan (<35 on Chemistry Placement Test)

• BIO 4899 (take twice, for a total of 2 credits)

		YE#	AR 1
Autumn	Winter	Spring	Notes
BIO 1859 (1)	BIO 2101 (5)	BIO 2102 (5)	Take Math Placement Test (in Canvas) if you are at Math
CHM 1310 (5)	CHM 1211 (5)	CHM 1212 (5)	Level 0 or A at time of admission; Math Level B is a pre-
UCOL 1000 (1)	PPHS 1200 (1)		requisite for BIO 2102, BIO 2103, CHM 1212 and MAT
CCOL 1000 (1)	11115 1200 (1)		2360. Students who test into Level 0 or A should plan to
Any quarter:			take MAT 0144 and/or MAT 0145 to achieve Math Level
	ucation courses (WR	I 1000 WRI 1100	B.
UFDN 1000)	deation courses (Wite	1 1000, WICH 1100,	
C1 D1 (1000)			BIO 2102 and BIO 2103 can be taken in either order.
			BIO 2102 and BIO 2103 can be taken in cities of det.
		YE <i>A</i>	AR 2
Autumn	Winter	Spring	Notes
BIO 2103 (5)	PHY 1102 or	PHY 1103 or	MAT 2360 is a pre-requisite for some Biology electives.
PHY 1101 or PHY	PHY 1122 (5)	PHY 1123 (5)	
1121 (5)		CHM 1213 (3)	
()		CHM 2213 (2)	
		PPHS 1800 (1)	
Any quarter:	J		
• MAT 2360 (5)			
• PSY 1180 (5)			
181 1100 (3)		YEA	AR 3
Autumn	Winter	Spring	Notes
BIO 2129 (5)	BIO 2130 (5)	BIO 3351 (5)	* Some graduate programs require two quarters of Organic
	CHM 1330 (5) *	Apply to	Chemistry (CHM 3371 and 3372, 10 credits) instead of
		graduate!	CHM 1330.
		1 0	
Any quarter:			
	elopmental Psycholog	gy from the	** BIO 3000 can count toward the Focused Electives or
• 5 credits of Dev	elopmental Psycholog		** BIO 3000 can count toward the Focused Electives or General Biology Electives category, but not both.
following: PSY	elopmental Psycholog 2470, 3460, 3475 or		** BIO 3000 can count toward the Focused Electives or General Biology Electives category, but not both.
5 credits of Dev following: PSYPSY 3360 (5)	2470, 3460, 3475 or	3480.	General Biology Electives category, but not both.
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