

**B.S. in BIOLOGY (2021-2022)**  
**Emphasis: PTOT – Pre-Physical/Pre-Occupational Therapy**

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_

Students must have a minimum overall cumulative quality point average (QPA) of 2.0 and have a minimum cumulative quality point average of 2.0 in all work attempted at the University of North Carolina at Pembroke, and must have a minimum overall cumulative quality point average of 2.0 in the major field of study. Note: Minimum QPA cannot be attained by rounding up (for example, a QPA of 1.99 is not sufficient for graduation).

____ FRS 1000 ( ) Unless transferring in 15 or more hours.	1
____ ENG 1050 ( ) 1060 ( )	6
____ FINE ARTS-1 of: ART 1450, 2050, 2080, 2090, THE 2500 or- MUS 1020, 1040, 1060, 1210, 2940, 2980, MCM 2500 ( )	3
____ LITERATURE -1 of: ENG 2010—2020—2030—2050—2060—2080—2090—2100—2180—2190—2230—2240—2410 (AIS)—2470—2480—2200 (AIS) ( )	3
____ HISTORY-1 of: HST 1010, 1020, 1030, 1140, 1150, 1100(AIS), 1110(AIS) ( )	3
____ PHIL. & RELIGION-1 of: PHI 1000, 1010, 2040, 2070 -or- REL 1080, 1300 ( )	3
____ SOCIAL SCIENCES _____( ) _____( ) _____( ) (3 of: each from a different discipline) ECN 1000, 2020, 2030, 2410 PSY 1010 GGY 1010, 1020, 2000, 2060 (ECN) SOC 1020, 2090, 1050 (AIS) PLS 1000, 1010 HON 1000, 2750	9
____ General Education Elective _____ ( ) Any <u>additional</u> course from the Arts & Humanities Division or the Social Science Division listed under “General Education Requirements,” which is linked under “Undergraduate Core Requirements” in the online Academic Catalog. If foreign language chosen, must complete two courses of the <u>same</u> foreign language.	3
____ PSYCHOLOGY 1010** ( ) _____( ) _____( ) (and 2 of:) PSY 2050, 2200, 2250, 3050, 3600, 4010	9(6)
____ SOCIOLOGY (1 of) 1020** ( ) or 1050** ( )	3(0)
____ KINESIOLOGY EXPH 4110 ( ) EXPH 4120 ( ) _____( ) _____( ) And any 2 of: PED 1010, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1410, 1450, 1460, 1770, 1790, 1900, 1910, 1950, 1800 (MSC), 1810(THE), 1820(THE)	8
____ MATH 1070 or 1090 ( ) 2100 ( ) 2150 or 2210 ( )	10
____ CHEMISTRY 1300 ( ) 1100 ( ) 1310 ( ) 1110 ( )	8
____ BIOLOGY 1000 ( ) 1000L ( ) 1020 ( ) 3040 ( ) 3150 ( ) 3180 ( ) 3710 WE ( ) 2110 ( ) 2120 ( ) 4610 ( )	36
____ BIOLOGY WRITING IN THE DISCIPLINE (WD) 4700 WD ( )  Students must complete 9 semester credit hours of Writing Enriched (WE) and Writing in the Discipline (WD) courses. One course must be a WD course and can be either BIO 4700 or a different WD course. BIO 3710 (listed above) will count as 4 hours of writing enriched (WE) credit, so you will need at least 2 more hours of WE coursework, which can come from any discipline. Double majors need only fulfill this writing requirement once.	3

____ BIOLOGY ELECTIVES (Choose any 2 additional courses except those for non-majors. BIO 4700 cannot be used as a Biology Elective.)	6-8
____ PHYSICS 1500 ( ) 1510 ( ) 1560 ( ) 1570 ( )	8
____ ELECTIVES _____ ( ) _____ ( ) _____ ( )	2-4
<b>TOTAL</b>	<b>120</b>

\* 12 semester hours of Natural Sciences and Mathematics count toward General Education and toward major requirements.

\*\* If taken as part of the General Education Program, hours will not increase PTOT emphasis total hours.

\*\*\* Must average 2.0 QPA overall in required & elective courses in Biology. You are NOT required to earn a “C” or better in each of your biology courses, but a "C" or better would certainly make you more desirable to future employers and graduate programs. You could receive a "D" in a biology course and conceivably have sufficiently high grades in your other biology courses to bring your overall QPA up to 2.0 or higher.

**General Advice:** As a science major, you will be taking several lab courses. For this degree, you will be taking at least 10-11 lab courses, and maybe more. Try to start taking lab courses your freshman year if possible so they don’t all “stack up” in your junior and senior years. Labs can create scheduling problems and heavy workloads if you ever have to take three a semester—better to take 1-2 each semester along the way. Definitely try your best to complete your 1000-level chemistry and biology courses by the end of your sophomore year. Finally, be aware of any courses you want or need that are not offered every fall and spring. Some upper-level courses are offered only once a year, or once every two years. When such courses roll around, pick them up as they won’t be offered again soon. The Biology Department website lists the offerings of such courses under the “Courses” link.