

## BACHELOR of SCIENCE (B.S.) in BIOLOGY (2023-2024) BBTE – Biotechnology Emphasis

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

- **Bolded** courses **may** be offered as Writing Enriched (\*see bottom of pg. 2 for more details). Ensure the section you select has the WE attribute on the course schedule on BraveWeb.
- *Italicized* courses **may** be offered as Indigenous Cultures & Communities (ICC)-designated (\*see pg. 2). Ensure the section you select has the ICC attribute on the course schedule on BraveWeb.
- Courses with specific attributes (e.g., WE/ICC) are searchable using the “Advanced Search” option via the BraveWeb Course Sections Search link: <https://braveweb.uncp.edu/about/about.php>
- Students must earn a cumulative quality point average (QPA) of at least 2.0, a QPA of at least 2.0 in all work attempted at UNCP, and a QPA of at least 2.0 in the major field of study. Note: QPA cannot be rounded up (e.g., a QPA of 1.996 is not sufficient for graduation).

### GENERAL EDUCATION REQUIREMENTS

_____ FRESHMAN SEMINAR -- UNV 1000 ( ) Unless transferring in 15 or more hours.	1
_____ COMPOSITION -- ENG <i>1050</i> ( ) 1060 ( ) Must earn a grade of “C” (2.0) or better in both composition courses (ENG 1050 and ENG 1060) to meet graduation requirements.	6
_____ FINE ARTS -- pick 1 from: ART 1450, <b>2050, 2080, 2090</b> , HON 2050, MUS <i>1020</i> , 1040, 1060, 1090, <b>1210, 2940</b> , 2980, MCM 2500, THE <b>2500</b> ( )	3
_____ LITERATURE -- pick 1 from: ENG <b>2010, 2020, 2030, 2050, 2060, 2080, 2090, 2100, 2180</b> , 2190, <b>2200</b> (AIS), <b>2230, 2240, 2410</b> (AIS), <b>2470, 2480</b> ( )	3
_____ HISTORY -- pick 1 from: HST <b>1010, 1020, 1030</b> , 1100, <i>1110</i> , <b>1140, 1150</b> , AIS <i>1100, 1110</i> ( )	3
_____ PHILOSOPHY/RELIGION -- pick 1 from: PHI 1000, 1010, <b>2040, 2070</b> , REL 1080, 1300 ( )	3
_____ SOCIAL SCIENCES _____( ) _____( ) _____( ) Pick 3; each must come from a different discipline. ECN 1000, <b>2020, 2030</b> , 2410 PSY 1010 GGY 1010, 1020, 2000, 2060 (ECN) SOC 1020, <i>1050</i> (AIS), 2090 PLS 1000, <b>1010</b> HON 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
_____ PHYSICAL EDUCATION _____( ) _____( ) pick 2 from: PED 1010, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1410, 1450, 1460, 1770, 1790, 1800 (MSC), 1810 (THE), 1820 (THE), 1900, 1910, 1950, MUS 1181	2
<i>Check sheet continues on next page</i>	

**BIOLOGY MAJOR REQUIREMENTS** (For students entering the university in summer 2023 or later, courses for these requirements will determine the major QPA)

_____ MATH -- pick any 2 from: 1070 or 1090 ( ) 2100 ( ) 2150 or 2210 ( ) 2220 ( )	6-7
_____ CHEMISTRY 1300 ( ) 1100 ( ) 1310 ( ) 1110 ( )	8
_____ BIOLOGY 1000 ( ) 1000L ( ) 1010 ( ) 1020 ( ) 3040 ( ) 3150 ( ) 3180 ( ) <b>3710 WE</b> ( )	28
_____ BIOTECHNOLOGY BTEC 3220 ( ) 4900 ( ) BTEC 3510 or 4300 or BIO 4130 ( )	10-11
_____ BIOTECHNOLOGY ELECTIVES Pick 4 (courses <u>not</u> already chosen in a required section above): BIO 3200 ( ) 3750 ( ) 3810 ( ) 4130 ( ) BTEC 4300 ( ) BTES 4xxx ( ) CHM 2270 ( ) CHM 2500 & 2520 ( ) CHM 3110 & 3120 ( ) PHY 1500 & 1560 ( ) PHY 1510 & 1570 ( )	12-16

**UNIVERSITY REQUIREMENTS**

_____ BIOLOGY WRITING IN THE DISCIPLINE - BIO 4700 (WD) Strongly Recommended ( ) WRITING INTENSIVE PROGRAM: Students must complete a combined total of 9 credit hours of Writing Enriched (WE) and Writing in the Discipline (WD) coursework. One course <u>must</u> be a WD course (of any number of credits) and can be BIO 4700 or any other WD course. BIO 3710 (above) will count as 4 WE hours, so you will need at least 2 more hours of WE or WD coursework, which can come from any discipline. Double majors need only fulfill the Writing Intensive Program requirement once. It is recommended that you “double dip” by taking a Biology elective or General Education Requirement that is also designated as WE. NOTE: Successful completion (grade of “C” or better) of ENG 1050 is a prerequisite for all WE or WD courses.	3
_____ INDIGENOUS CULTURES AND COMMUNITIES (ICC) - Students entering the university in Fall 2023 or later shall complete the ICC requirement for graduation. Students may satisfy this requirement by completing two 3-credit hour ICC-designated courses. Students who transfer over 60 or more hours shall complete one 3-credit hour ICC course. Designated ICC courses can satisfy other graduation requirements such as General Education and/or Writing Intensive Program requirements (see above); it is possible to “double dip” or even “triple dip” (e.g., MUS 1210 may satisfy a Fine Arts, WE, and ICC requirement). _____ ( ) _____ ( )	3-6
_____ UNIVERSITY ELECTIVES _____ ( ) _____ ( ) _____ ( ) <b>Option: Guided University Electives for a Minor in Business Administration</b> (18 hrs) ACC 1020 or 2270 ( ) BLAW <b>2150</b> ( ) ECN 1000 or <b>2020</b> or <b>2030</b> ( ) FIN 2400 or 3100 ( ) MGT 3060 ( ) MKT <b>3120</b> ( )	16-23
<b>TOTAL</b>	<b>120</b>

**General Advice:** You will be taking more than 15 lab courses for this degree. If possible, begin lab courses your freshman year so they don’t “stack up” in your junior and senior years, because lab courses can create scheduling problems and heavy workloads. Complete your 1000-level Chemistry and Biology courses by the end of your sophomore year. Be aware of any courses you want or need that are offered only once a year or once every two years. The Biology Department website lists the offerings of such courses on the “Course Offerings” page. <https://www.uncp.edu/departments/biology/undergraduate-programs/courses/bio-undergraduate-course-offerings> It is recommended you create a 4-year plan to anticipate the scheduling of these courses.