

**BS BIOLOGY  
2019-2020**

Name: \_\_\_\_\_ ID#: \_\_\_\_\_ Anticipated Grad Date: \_\_\_\_\_

**MAJOR REQUIREMENTS: (33 Hours)**

<u>Cr Hrs.</u>	<u>Course</u>	<u>Term</u>	<u>Grade</u>
BIO 110 General Biology I: Ecology and Evolutionary Biology ..... 4	_____	_____	_____
BIO 120 General Biology II: Cellular and Molecular Biology ..... 4	_____	_____	_____
BIO 240 Biodiversity ..... 4	_____	_____	_____
SCI 494 Senior Project I <b>OR</b> 469 Senior Internship ..... 2	_____	_____	_____
SCI 495 Senior Project II ..... 2	_____	_____	_____

Select 7-8 hours from cellular level courses:

BIO 310 Developmental Biology..... 4	_____	_____	_____
BIO 320 Genetics ..... 4	_____	_____	_____
BIO 360 Microbiology ..... 4	_____	_____	_____
CHE 301 Biochemistry..... 3	_____	_____	_____

Select 9 hours from organismal and ecological level courses:

AGR 105 Field Experiences in Mountain Agriculture..... 3	_____	_____	_____
BIO 250 Entomology..... 4	_____	_____	_____
BIO 281 Animals & Plants of the Southern Appalachians, Fall ..... 3	_____	_____	_____
BIO 282 Animals & Plants of the Southern Appalachians, Spring 3	_____	_____	_____
BIO 330 Evolutionary Biology ..... 3	_____	_____	_____
BIO 340 Conservation Biology ..... 3	_____	_____	_____
ECO 245 General Ecology ..... 4	_____	_____	_____

**Required Mathematics & Natural Science Courses (23 Hours)**

Select one MAT course above MAT 111 (MAT 141 or MAT 211 and MAT 221 recommended)..... 3	_____	_____	_____
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**CHE (Select four lab-based courses above CHE 102) (16 Hours)**

CHE ..... 4	_____	_____	_____
CHE ..... 4	_____	_____	_____
CHE ..... 4	_____	_____	_____
CHE ..... 4	_____	_____	_____

*(Professional schools require CHE 103, 104, 201, 202 with labs; CHE 301 may not count both here and in required Biology courses)*

**Select a physical science, lab-based course: GEO or PHY (4 Hours)**

GEO or PHY ..... 4	_____	_____	_____
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*(Professional schools require PHY 103 and 104 with labs)*

**GRADUATION REQUIREMENTS:**

- Minimum 124 semester hours
- Minimum cumulative GPA of at least 2.0 in all coursework at Brevard and minimum cumulative GPA of at least 2.0 in all courses required for major. Some majors may have more stringent requirements (see major requirements in catalog)
- Complete a minimum of 32 semester hours at Brevard and complete 50% of major requirements at Brevard.
- Errors contained on the checklist do not release the student from meeting graduation requirements as stated in the catalog