

**BIOLOGY CURRICULUM REQUIREMENTS**  
 (120 Total Hours, \*excluding PEDU and skills-based courses\*)  
 For students initially enrolled Fall 2014

- I. **CMW:** (6hrs) ENGL 101 \_\_\_\_ ENGL 102 \_\_\_\_
- II. **ARP: Sequence 1:** (14-18hrs) MATH 115 (opt.) \_\_\_\_ MATH 141 \_\_\_\_ MATH 142 \_\_\_\_  
 STAT 201 or 205 \_\_\_\_ CSCE 102 (or higher) \_\_\_\_  
**Sequence 2:** (12-15hrs) MATH 111 (opt.) \_\_\_\_ MATH 122 \_\_\_\_ MATH 170 or 172 \_\_\_\_  
 STAT 201 or 205 \_\_\_\_ CSCE 102 (or higher) \_\_\_\_  
 \*(Student may switch from Sequence 1 to Sequence 2, but may **NOT** switch from Sequence 2 to Sequence 1)\*
- III. **GFL:** (0-9hrs) LANG 109\* \_\_\_\_ 110\* \_\_\_\_ 121 \_\_\_\_ 122 \_\_\_\_ (Enrollment determined by FLPT Scores)(\*109+110\*=121)
- IV. **GHS:** (6hrs) (100-level only) Non-US HIST (101-109) \_\_\_\_ US HIST (111-112) \_\_\_\_
- V. **SCI:** (16hrs)\* BIOL 101/101L \_\_\_\_ BIOL 102/102L \_\_\_\_ CHEM 111/111L \_\_\_\_ CHEM 112/112L \_\_\_\_  
 \*(**Biological Sciences Major Prerequisites:** A minimum grade of 'C' is required before taking upper level BIOL courses)\*
- VI. **GSS:** (6hrs) ANTH (NOT 161), ECON, GEOG, POLI, PSYC (NOT 226-228), SOCY (NOT 220), WGST 112  
 \_\_\_\_ (See web link below for more information on approved **GSS** courses)
- VII. **AIU:** (3hrs) ARTH 105, 106, ARTE 101, FREN 290, MUSC 110, 115, 140, DANC 101, THEA 200, 561, 562 \_\_\_\_  
 (See web link below for more information on approved **AIU** courses)
- VIII. **AIU:** (3hrs) AFAM, CPLT, ENGL 280 and higher (NOT 450, 460-463), LANG 209 and higher, HIST 115 and higher, PHIL (NOT 110, 111, 511), RELG, WGST 111, CLAS 230 \_\_\_\_ (This is a CAS specific requirement. Refer to CAS Advisement Handbook.)
- IX. **OVERLAY:** Two of the three OVERLAY courses can fulfill General Education requirements. One OVERLAY course can stand alone. OVERLAY courses can NOT be used in the major/minor/cognate.  
**a. CMS:** (See web link below for more information on approved **CMS** courses) \_\_\_\_  
**b. INF:** (See web link below for more information on approved **INF** courses) \_\_\_\_  
**c. VSR:** (See web link below for more information on approved **VSR** courses) \_\_\_\_

<http://www.sc.edu/carolinacore/courses.php>

**BIOLOGICAL SCIENCES MAJOR REQUIREMENTS:**

**Courses required for the Major:** Twenty-eight hours (**28hrs**) of 300-600 level BIOL courses, including a minimum of two BIOL courses at the 500-600 levels, and three courses with their associated labs (includes 4CR courses) must be completed. **\*All BIOL listed courses required for the major must be completed with a minimum grade of 'C'.**\*

NOTE: MAJOR COURSES CAN ONLY BE REPEATED ONCE. GRADE FORGIVENESS CAN ONLY BE USED TWICE THROUGHOUT STUDENT'S ENTIRE ACADEMIC CAREER.

**All three of the following 300-level courses must be completed for the Biological Sciences degree. Two of the three 300-level classes must be completed before advancing into 400-level and above BIOL courses.**

BIOL 301 (3hrs) \_\_\_\_ BIOL 302 (3hrs) (CHEM 333 is a pre/co-requisite for this course) \_\_\_\_ BIOL 303 (3hrs) \_\_\_\_

**Upper level BIOL Course Requirements:**

**Physiology** (3hrs): BIOL 425\*, 460, 465, 543, 549\*, 643\* \_\_\_\_ Labs: \_\_\_\_

**Plant** (3hrs): BIOL 420, 425\*, 523, 524, 525, 526-528^, 549\*, 643\*, 670, 671 \_\_\_\_

\*BIOL 425, 549, and 643 may ONLY be used for either the Physiology or Plant credit, **NOT** both!

^Only ONE of BIOL 526-528 may apply for major credit.

NOTE: no more than 3 total credit hours for BIOL 398 and/or 399 combined may apply toward the major.

**Remaining BIOL credits (up to a minimum of 28hrs):** Student's choice 400-level and higher

**Cognate Requirement (12hrs minimum):**

CHEM 333/331L \_\_\_\_ CHEM 334/332L \_\_\_\_ Additional 4hrs of approved Cognate courses \_\_\_\_ (See reverse side of this handout and/or CAS Student Advisement handbook for approved courses)

**Optional Chemistry minor:** CHEM 321/321L \_\_\_\_ CHEM 300-level and higher (4hrs) \_\_\_\_

**ELECTIVES:** Courses of individual interests (excluding PEDU and skills-based courses)

**COURSES APPROVED FOR COGNATE CREDIT FOR BIOLOGICAL SCIENCES MAJORS (4hrs):**

ANTH 367, 552, 561, 567

GEOG 201 (4hrs), 202 (4hrs), 324, 347, 530, 545, 546, 547, 571, 573

MSCI 312 and higher (excluding BIOL cross-listed courses)

ASTR 300 and higher

CHEM 321 and higher (excluding CHEM 550 and 550L)

CSCE 213 and higher

GEOL 300 and higher

MATH 241 and higher

PHYS 201, 201L, 202, 202L, 211, 211L, and higher

STAT 506 and higher (excluding 515)

PSYC 226, 450, 460, 564, 507, 570, 571

EPID 410

HPEB 502

**Note:** **NO** 398 or 399 course can be used for cognate credit. Other courses with a scientific component may be substituted, but must be approved by **BOTH** the student's advisor and the Director of Undergraduate Studies for the Department of Biological Sciences. (See CAS Student Advisement handbook for more Cognate approved courses.)