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)/(*09+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. AU1: (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 AU1 courses)*

VIII. AU2: (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

BIOLICAL 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: _____ _____ _____
   *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.)