BIOLOGY CURRICULUM REQUIREMENTS
(128 Total Hours, *excluding PEDU and skills-based courses*)
For students initially enrolled from Fall 2012 through Summer 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)*

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 (N0T 161), ECON, GEOG, POLI, PSYC (N0T 226-228), SOCY (N0T 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, DAN C101, THEA 200, 561, 562 ______
        (See web link below for more information on approved AIU courses)

VIII. AIU: (3hrs) AFAM, CPLT, ENGL 280 and higher (N0T 450, 460-463), LANG 209 and higher, HIST 115 and higher, PHIL (N0T 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/generaleducation/coursesapproved.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 BOLOGICAL 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.)