

B.S. Biology – Cell Biology and Biotechnology
2016-2017 Catalog

This plan is an unofficial document used for advisement only.

How to use this program plan: Write the grade for the course that satisfies each requirement. If the student takes a course that is chosen from a list of possible courses, circle the course number taken in addition to writing the grade.

Student Name _____
S. Id No _____
S. Phone (w) _____ (h) _____
S. alt. email _____
Adviser _____
A. phone _____
A. email _____

General Education: (60 hours)

School Grade

Area A – Essential Skills: (9 hours)
“C” or better

- _____ ENGL 1101 English Composition I
 _____ ENGL 1102 English Composition II
 _____ MATH 1113 Pre-Calculus or MATH 2200

Area B – Institutional Option (4 hours)

- _____ ITEC 1001 Introduction to Computing

Area C – Humanities/Fine Arts (6 hours)

Select one from the following:

- MUSC 1100/ARTS 1100/ENGL 2111, 2112, 2121,
2122, 2131, 2132/FILM 1005

Select one from the following:

- RELN 1100/GEOG 1101/2000 level foreign lang

Area D – Science, Math, Technology (11 hrs)

- _____ CHEM 1211K and 1212K

Select one from the following:

- ITEC 2110 Digital Media
ITEC 2120 Intro to Programming

Area E – Social Science (12 hours)

- _____ POLS 1101 American Government
 _____ HIST 2111 **or** HIST 2112 U.S. History I & II

Select one course:

- _____ HIST 2111 (if not used above)
 _____ HIST 2112 (if not used above)
 _____ HIST 1111 World History I
 _____ HIST 1112 World History II
 _____ HIST 1121 Western Civ I
 _____ HIST 1122 Western Civ II

Select one of the following:

- _____ PSYC 1102/SOCI 1101/ANTH 1102/ECON2100

Area F – Courses Related to the Program of Study (18 hours) (“C” or better)

- _____ BIOL 1107K Principles of Biology I
 _____ BIOL 1108K Principles of Biology II
 _____ CHEM 2211K Organic Chemistry I
 _____ CHEM 2212K Organic Chemistry II

Program of Study (60 hours) Grade of “C” or Better
(39 hours must be at the 3000-4000 level)

School Grade

Required Biology Courses (30 hours)

- _____ BCHM 3100K Biochemistry
 _____ BIOL 3200K Genetics
 _____ BIOL 3300K Microbiology
 _____ BIOL 3400K Cell Biology
 _____ BIOL 3900 Biotechnology
 _____ BIOL 4200 Bioinformatics
 _____ BIOL 4300 Biotechnology Laboratory
 _____ BIOL 4700 Interdisciplinary Appl of Biology

Select one from the following:

- _____ STEC 4500 Undergrad Research Project
 _____ BIOL 4800 Internship
 _____ BIOL 4560 Research Methods in Biology
 _____ BIOL 4570 Experimental Methods in Biology

Other Required Courses (11–15 hours)

- _____ PHYS 2211K & 2212K Prin Physics I& II **or**
 _____ PHYS 1111K & 1112K Intro Physics I & II
 _____ MATH 2000 Statistics
 _____ MATH 2200 Calculus I (if not taken in Area A)

Additional Electives (15–19 hours)

One course must have BIOL/BCHM prefix. 9 hours must be at 3000-4000 level to total 39 hours. Students may take a maximum of 6 credit hours for STEC 4500 and a maximum of 3 credit hours for BIOL 4800

Additional Requirements

Physical Education (3 hours)

- _____ Choices for Life (1 hour)
 _____ Additional Physical Education (2 hours)

Regents Requirements – The requirements for US and Georgia History and Constitution can be satisfied by transfer credit of HIST 2111 OR 2112 and POLS 1101 from a University System of Georgia institution. If not satisfied, the student should work with their adviser concerning exemption exams or can complete the courses.

- ___ US Constitution ___ Georgia Constitution
 ___ US History ___ Georgia History