Georgia Gwinnett COLLEGE

B.S. Biology – Cell Biology and Biotechnology
2011/2012 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)
_____ _____ *Choose one from the following:*
MUSC 1100/ARTS 1100/ENGL 2110/2100/FILM 1005
_____ _____ *Choose one from the following:*
RELN 1100/GEOG 1101/2000 level foreign lang

Area D – Science, Math, Technology (11 hrs)
_____ _____ CHEM 1211K ***and*** 1212K
_____ _____
_____ _____ *Choose one from the following:*
ITEC 2110/ ITEC 2120

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 Biol
_____ _____ STEC 4500 Undergrad Research Proj ***or***
BIOL 4800 Internship

Other Required Courses (11–15 hours)
_____ _____ PHYS 2211K Principles of Physics I
_____ _____ PHYS 2212K Principles of Physics 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.
Nine hours must be at 3000-4000 level.
_____ _____ _____
_____ _____ _____
_____ _____ _____
_____ _____ _____
_____ _____ _____
_____ _____ _____

Additional Requirements

Physical Education (3 hours)
_____ _____ Wellness (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