Georgia Gwinnett COLLEGE

B.S. Chemistry – Teacher Certification

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)

_____ _____ CHEM 2211K Organic Chemistry I
_____ _____ CHEM 2212K Organic Chemistry II
_____ _____ CHEM 3000K Analytical Chemistry
_____ _____ MATH 2200 Calculus I (if not taken in Area A) or elective if MATH 2200 is taken in Area A

Program of Study (62 hours) Grade of "C" or Better

(39 hours must be at the 3000-4000 level)

School Grade

Required Chemistry Courses (19 hours)

_____ _____ CHEM 3100K Inorganic Chemistry
_____ _____ BCHM 3100K Biochemistry
_____ _____ CHEM 3200 Environmental Chemistry
_____ _____ CHEM 4201K Physical Chemistry I
_____ _____ ISCI 2800 Integrated Science

Other Required Courses (8 hours)

Select one PHYS sequence from the following:
_____ _____ PHYS 2211K & 2212K Prin of Physics I & II
_____ _____ PHYS 1111K & 1112K Intro to Physics I & II

Required Education Courses (35 hours)

_____ _____ EDUC 2110 Exploring Critical and Contemporary Issues in Education
_____ _____ EDUC 2120 Exploring Socio-Cultural Perspectives on Div in Educ Contexts
_____ _____ EDUC 2130 Exploring Learning & Teaching
_____ _____ EDUC 3300 Teaching Exceptional Learners
_____ _____ EDUC 3350 Models of Teaching & Learning
_____ _____ CHEM 3600 Chemistry Content Methods
_____ _____ EDUC 4080 Opening School Experience
_____ _____ EDUC 4500 Assessment
_____ _____ EDUC 4550 Instructional Adaptation
_____ _____ EDUC 4800 Leadership Seminar
_____ _____ EDUC 4885A&B Student Teaching

Additional Requirements

Physical Education (3 hours)

_____ _____ PHED 1101 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

Revised 06/2016