Georgia Gwinnett College

B.S. Chemistry – Teacher Certification
2014/2015 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.

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 2110/2100/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/ECON 2100

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 (60 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

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