B.S. Chemistry – Professional Track  
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.

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 language

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 (60 hours) Grade of “C” or Better

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

School Grade

Required Chemistry Courses (27 hours)

CHEM 3100K Inorganic Chemistry

BCHM 3100K Biochemistry

CHEM 4100K Instrumental Chemistry

CHEM 4201K Physical Chemistry I

CHEM 4202K Physical Chemistry II

CHEM 4701 Integrated Lab I

CHEM 4702 Integrated Lab II

CHEM 4703 Integrated Lab III

STEC 4500 Undergraduate Research

Other Required Courses (8-12 hours)

PHYS 2211K & 2212K Prin of Physics I & II

MATH 2210 Calculus II

Additional Chemistry/Biochemistry Electives (9 hours)

Must have CHEM/BCHM/STEC prefix at 3000/4000 level

Additional Electives (12-16 hours)

3 hours must be at 3000/4000 Level

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 complete the courses.

US Constitution

Georgia Constitution

US History

Georgia History

Revised 06/2016