

**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 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

Student Name \_\_\_\_\_

S. Id No \_\_\_\_\_

S. Phone (w) \_\_\_\_\_ (h) \_\_\_\_\_

S. alt. email \_\_\_\_\_

Adviser \_\_\_\_\_

A. phone \_\_\_\_\_

A. email \_\_\_\_\_

**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
- \_\_\_\_\_ 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 can complete the courses.

- \_\_\_\_\_ US Constitution \_\_\_\_\_ Georgia Constitution
- \_\_\_\_\_ US History \_\_\_\_\_ Georgia History