Chemistry, B.A. (CHM) Catalog Years 2014 & Prior

Required Chemistry Courses: 33 Total Credits
Please note that a grade of “C” or higher is required for all courses in the major

Required Chemistry Courses: 33 Total Credits

- Mathematics Courses: 8 Credits
  - MAC 2311 Calculus I
  - MAC 2312 Calculus II

- Physics Courses: 8 Credits
  - PHY 2048 & PHY 2048L OR PHY 2053 & PHY 2053L
  - PHY 2049 & PHY 2049L OR PHY 2054 & PHY 2054L

- Required Natural Science Courses: 8 Credits
  - BSC 2010 □ BSC 2010L Cellular Processes & Lab (4cr)
  - BSC 2011 □ BSC 2011L Biodiversity & Lab (4cr)
  - GLY 2010 □ GLY 2000L Intro. to Physical Geology & Lab (4cr)
  - GLY 2100 □ GLY 2100L Historical Geology (4cr)
  - EVR 2001 □ EVR 2001L Environ Science & Lab (4cr)
  - CGS 2060 Intro. To Computers I (3cr)
  - STA2023 Intro. To Statistics (4cr)
Students should regularly review their DegreeWorks audit to ensure they are on track to complete all graduation Requirements, and in preparation for all advising appointments. If you are already declared as a Chemistry BA major, follow these steps to review your Degree Works report online: Go to http://Degreeworks.usf.edu → Type in NetID and password → View your degree audit! (DegreeWorks can also be accessed through BlackBoard and OASIS)

### Foundations of Knowledge and Learning Lower-Level Requirements

- **ENC 1101 (3cr)**
- **ENC 1102 (3cr)**
- **Social/Behavioral Sciences (6cr)**
- **Humanities (6cr)**
- **Fine Arts (3cr)**
- **Human/Cultural Diversity in a Global Context (3cr)**

Two Courses from the above categories must meet the Human Historical Context and Process dimension (6cr)

- **ENC1101 (3cr)**
- ________________ (3cr)

### Upper-Level Requirements:

*Require 60 completed credit hours and must be chosen only from the list in the Catalog or Schedule of Classes.*

- **Capstone exit course (3cr) ________________**
- **Writing Intensive exit course (3cr) ________________**

**cr → 120 credits:** A Bachelor’s degree requires a minimum of 120 credit hours.

**cr → 48 upper level credits:** All students are required to take at least 48 credits at the 3000 & 4000 level. Please note: The Chemistry BA major courses will satisfy _____ credits of the required 48 credits and the exit courses-combined- will satisfy another _____ credits. Based on the number of upper level credits you have already taken, you have _____ upper level credits remaining, outside of the major and exit courses.

**cr → 9 credit summer rule:** All students who enter USF with fewer than 60 credits are required to take at least 9 credits of course work in the summer at a State University System (SUS) 4-year University.

**12 cr of Gordon Rule Writing** ENC 1101 & ENC 1102 , Writing Intensive Exit Course and one additional course __________

**FLENT:** Foreign Language Entrance Requirement: All students must have two years of the same foreign language in high school.

**FLEX:** Foreign Language Exit Requirement: Bachelor of Arts students are required to take two semesters of a foreign language in college. Please visit Cooper 419 if you choose to test out of this requirement. American Sign Language will count for science majors.

See the USF catalog for a complete list of graduation requirements. The final responsibility for meeting all graduation requirements stated in the catalog rests with the student. This sheet is not meant to be a complete list of University Graduation requirements.