Degree Requirements for the BA in Chemistry

The BA in chemistry requires at least 120 credit hours, including 45 credit hours of chemistry requirements (below) and at least 78 additional credit hours that satisfy the distribution requirements. The following courses are required for all students pursuing the Bachelor of Arts degree in Chemistry:

General Chemistry:
☐ CHEM 151 Honors Chemistry I or CHEM 121 General Chemistry I
☐ CHEM 152 Honors Chemistry II or CHEM 122 General Chemistry II
☐ CHEM 153 Honors Chemistry Laboratory I or CHEM 123 General Chemistry III
☐ CHEM 154 Honors Chemistry Laboratory II or CHEM 124 General Chemistry IV

Chemistry Foundation Courses:
☐ CHEM 211 Organic Chemistry I
☐ CHEM 310 Physical Chemistry or BIOC 352 Physical Chemistry for the Biosciences
☐ CHEM 330 Analytical Chemistry
☐ CHEM 360 Inorganic Chemistry
☐ BIOC 301 Biochemistry I
☐ BIOC 301 Biochemistry I

Introductory Laboratory Modules:
☐ CHEM 231 or CHEM 351 Introductory Module in Inorganic Chemistry
☒ CHEM 232 or CHEM 352 Introductory Module in Organic Chemistry
☐ One additional chemistry laboratory course (CHEM 215 or any chemistry lab module)

Mathematics:
☐ MATH 101 Single Variable Calculus I
☐ MATH 102 Single Variable Calculus II

Physics:
☐ PHYS 101 or 111 Mechanics or PHYS 125 General Physics
☐ PHYS 102 or 112 Electricity and Magnetism or PHYS 126 General Physics II

Two Additional Upper-level 3-credit Chemistry Lecture Courses* (these can include CHEM 212 or CHEM 320):
☐ Course number and name________________
☐ Course number and name________________

*Other departments offer advanced courses with substantial chemistry content, and these may count toward this requirement with approval of the BA advisor.