

MAJOR REQUIREMENTS for a BACHELOR OF ARTS in CHEMISTRY (BIOCHEMISTRY)

MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = 120 (CORE + MAJOR + GENERAL ELECTIVES)

WORLD LANGUAGE up to the Intermediate I (2003) level or higher (hours vary)

- _____ (2003)

MATHEMATICS (1 course • 3-4 hours)

- MATH 2043 Survey of Calculus
or
 MATH 2554 Calculus I

PHYSICS (2 courses • 8 hours)

- PHYS 2013/2011L College Physics I
 PHYS 2033/2031L College Physics II
or
 PHYS 2054 University Physics I
 PHYS 2074 University Physics II

Note: *These mathematics and physics prerequisite requirements are substantial, and these courses and their prerequisites should be scheduled early in the student's program.*

BIOLOGY (4 courses • 11 hours minimum with at least 3 hours numbered 3000 or higher)

- BIOL _____
 BIOL _____
 BIOL _____
 BIOL _____

CHEMISTRY WRITING REQUIREMENT

- Satisfied by the formal research/analytical reports required in Physical Chemistry Laboratory—CHEM 3451L or CHEM 3512L—
or by completing an honors thesis.

CHEMISTRY (33 hours minimum)

- CHEM 1203/1201L Chemistry for Majors I
 CHEM 1223/1221L Chemistry for Majors II

or

- CHEM 1103/1101L University Chemistry I
 CHEM 1123/1121L University Chemistry II

- CHEM 2263/2261L Analytical Chemistry

- CHEM 3703/3702L Organic Chemistry for Majors I
 CHEM 3713/3712L Organic Chemistry for Majors II

or

- CHEM 3603/3601L Organic Chemistry I
 CHEM 3613/3611L Organic Chemistry II

- CHEM 3453/3451L Elements of Physical Chemistry

or

- CHEM 3504 Physical Chemistry I
 CHEM 3514/3512L Physical Chemistry II

- CHEM 4813H Honors Biochemistry I
 CHEM 4843H Honors Biochemistry II

or

- CHEM 3813 Intro to Biochemistry
 CHEM 4213/4211L Instrumental Analysis

or

- CHEM 3813 Intro to Biochemistry
 CHEM 4123 Advanced Inorganic Chemistry I

or

- CHEM 3813 Intro to Biochemistry
 CHEM 4723 Experimental Methods in Organic Chemistry

- CHEM 4853 Biochemical Techniques

or

- Completion of a senior thesis based on independent research wherein at least one credit hour is earned in CHEM 400V (chemistry research) and/or CHEM 498V (senior thesis) during each of three different semesters.