

B.A. CHEMISTRY

NAME _____ SID # _____ DATE: _____

CATALOG YEAR 2022-2023

EXPECTED GRADUATION DATE _____

GENERAL EDUCATION REQUIREMENTS

English Composition

ENGL 101 or 107 3 ____

ENGL 102 or 108 3 ____

Or

ENGL 109H 3 ____

Foundations Math *(Placement may require pre-requisite coursework prior to completion of this requirement.)*

MATH 122A & B (5) or MATH 125 (3) 3 ____

Second Language

4th semester proficiency4-5 ____

UNIV 101: Intro to the General Education Experience..... 1 ____

Exploring Perspectives

Artist 3 ____

Humanist 3 ____

Natural Scientist 3 ____

Social Scientist..... 3 ____

Building Connections

Course 1 3 ____

Course 2 3 ____

Course 3 3 ____

UNIV301: General Education Portfolio..... 1 ____

32 Units Minimum.....32 ____

Note: 9 units may be used to fulfill GE requirements while double-dipping with requirements in a major, pre-major, or minor.

CHEM FOUNDATION COURSES

Mathematics (Calculus I, & Calculus II, Calculus III)

MATH 122A/B **OR** 125 3-5 ____

MATH 129 3 ____

CHEM380 (F) **OR** MATH 2233 ____

Physics (Introductory Physics)

PHYS 141 **OR** 161H3- 4 ____

PHYS 241 **OR** 261H3- 4 ____

CHEM MAJOR COURSEWORK

General Chemistry (with labs)

CHEM 151 **OR** 141/143 **OR** 161/163(F)4 ____

CHEM 152 **OR** 142/144 **OR** 162/164 (S)4 ____

Organic Chemistry

First Semester Lecture and Lab

CHEM 246A (F)3 ____

CHEM 247A (F)2 ____

Second Semester Lecture and Lab

CHEM 246B (S)3 ____

CHEM 247B (S)2 ____

Physical Chemistry

CHEM 480A3 ____

CHEM 480B or CHEM 481.....3 ____

Core Electives:

4 courses required; one must be a lab noted by an *.

Check prerequisites before enrolling.

Quantitative Analysis (Analytical Chemistry)

CHEM 325 Analytical Lecture 2 ____

CHEM 326 Analytical Lab* 2 ____

Instrumental Analysis

CHEM 401A (S)3 ____

CHEM 400A (F)*3 ____

Inorganic Chemistry

CHEM 404A (S).....3 ____

CHEM 412*3 ____

Organic Chemistry

CHEM 446 (F)*3 ____

CHEM 447 (S)*3 ____

CHEM 450 (F)3 ____

Biochemistry

BIOC 384 or BIOC 462A(F).....3-4 ____

BIOC 385 or 462B (S)).....3-4 ____

Physical Chemistry

CHEM 400B (S)*3 ____

UNIVERSITY REQUIREMENTS:

- | | |
|--|--|
| <input type="checkbox"/> 120 Total Units | <input type="checkbox"/> 42 Upper Division Units |
| <input type="checkbox"/> 2.0+ Cum GPA | <input type="checkbox"/> 2.0+ Major GPA |
| <input type="checkbox"/> MCWA | <input type="checkbox"/> 30 UA Units |
| <input type="checkbox"/> 18/30 Upper Division UA Units | |
| <input type="checkbox"/> 56+ University Units | |