

B.S. Chemistry

B.S. Chemistry Academic Plan (for students starting in MATH 122B)

1st Semester Fall

General Chemistry I w/ Lab (4)**
MATH 122A (1)*
MATH 122B (4)*
ENGL 101 English Composition (3)
UNIV 101 (1)
GE Core: Exp. Perspectives or Building Conn (3)

3rd Semester Fall

CHEM 246A (3) *(Fall only)*
CHEM 247A (2) *(Fall only)*
Chem 380 *(Fall only)* or MATH 223 (3-4)
PHYS 141 (4)
Second Language (4-5)

5th Semester Fall

CHEM 325 (2)
CHEM 326 (2)
BIOC 384 (3)
GE Core: Exp. Perspectives or Building Conn (3)

7th Semester Fall

CHEM 480A Physical Chem I (3)
CHEM 400A (3) *(Fall only)*
CHEM 412 (or in Spring) (3)
CHEM elective
GE Core: Exp. Perspectives or Building Conn

2nd Semester Spring

General Chemistry II w/ Lab (4)
MATH 129 (3)
ENGL 102 English Composition II (3)
GE Core: Exp. Perspectives or Building Conn (3)
GE Core: Exp. Perspectives or Building Conn (3)

4th Semester Spring

CHEM 246B (3) *(Spring only)*
CHEM 247B (2) *(Spring only)*
CHEM 395A (1) *(Spring only)*
PHYS 241 (4)
Second Language (4-5)

6th Semester Spring

CHEM 401A (3) *(Spring only)*
CHEM 404A (3) *(Spring only)*
CHEM elective (3)
GE Core: Exp. Perspectives or Building Conn (3)

8th Semester Spring

CHEM 480B Physical Chem II or CHEM 481 Biophysical
(Spring only) (3)
CHEM 400B Physical Chemistry Lab (3) *Spring only)*
UNIV 301 (1)
GE Core: Exp. Perspectives or Building Conn (3)
CHEM Elective (3)

Notes:

All major classes starting with General Chemistry must earn a C or better.
You are responsible for ensuring you meet all elective prerequisites.

*If you are not placed in Math 122B in the first semester, the prerequisites are MATH 100 -> MATH 112 -> MATH 120R -> MATH 122A/B

MATH 112 is a **mandatory prerequisite for general chemistry 1

Note that some courses are offered in the fall or spring only.
Work with your advisor **every semester** to be sure you are on track to meet all requirements.