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)

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)

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)

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)

5th Semester Fall
CHEM 325 (2)
CHEM 326 (2)
BIOC 384 (3)
GE Core: Exp. Perspectives or Building Conn (3)

6th Semester Spring
CHEM 401A (3) (Spring only)
CHEM 404A (3) (Spring only)
CHEM elective (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

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.