

**Sample 4-Year Plan** (For students who start in MATH 122A/B)**1st Semester Fall**

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

**3rd Semester Fall**

Organic Chemistry I Lecture (3)  
 Organic Chemistry I Lab (1)  
 BIOC 296B (1)  
 ECOL 182R Introductory Biology (3)\*\*\*  
 ECOL 182L Introductory Biology Lab (1)\*\*\*  
 CHEM 380 (Fall only) or MATH 223 or MATH 254 (3-4)  
 Second Language (4-5)

**5th Semester Fall<sup>^</sup>**

BIOC 462A Biochemistry I (4) (Fall only)  
 BIOC 463A Biochemical Lab (4)  
 Physics 141 (4)  
 GE Core: Exploring Perspectives or Building Connections (3)  
 Biochemistry elective

**7th Semester Fall**

CHEM 480A Physical Chemistry I (3)  
 BIOC 498 Senior Capstone (3)  
 GE Core: Exploring Perspectives or Building Connections (3)  
 Upper division electives (3)

**2nd Semester Spring**

General Chemistry II w/ Lab (4)  
 MATH 129 (3)\*  
 ENGL 102 English Composition II (3)  
 GE Core: Exploring Perspectives or Building Connections (3)

**4th Semester Spring**

Organic Chemistry II Lecture (3)  
 Organic Chemistry II Lab (1)  
 MCB 181R Introductory Biology II (3)\*\*\*  
 MCB 181L Introductory Biology II Lab (1)\*\*\*  
 GE Core: Exploring Perspectives or Building Connections (3)  
 Second Language (4-5)

**6th Semester Spring**

BIOC 462B Biochemistry I (4) (Spring only)  
 Physics 241 (4)  
 GE Core: Exploring Perspectives or Building Connections (3)  
 Biochemistry elective

**8th Semester Spring**

CHEM 480B Physical Chemistry II or CHEM 481 Biophysics (Spring only) (3)  
 BIOC 498 Senior Capstone (3)  
 UNIV 301 (1)  
 GE Core: Exploring Perspectives or Building Connections (3)  
 Upper division electives (2)

**Notes:**

All major classes starting with Organic Chemistry must earn a C or better.

<sup>^</sup>Students are advised to start their lab research during the Fall of their Junior Years

\*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

\*\*\*It is recommended that you take ECOL 182R/L before MCB 181R/L

Note that some courses are offered in the fall or spring only.

Additional coursework not listed on this page is required in order to graduate.

Work with your advisor every semester to be sure you are on track to meet all requirements.