**Student Name**

**Student ID**

**Date**

## Major Requirements:

### Introductory Chemistry Courses

Complete one of the following general chemistry sequence:

CHEM 1124Q, 1125Q, & 1126Q – Fundamentals of General Chemistry I, II, & III   
 CHEM 1127Q & CHEM 1128Q – General Chemistry I & II   
 CHEM 1147Q & CHEM 1148Q – Honors General Chemistry I & II

### Math, Physics, and Biology Requirements

Complete one of the following **Calculus** sequences:

MATH 1131Q & MATH 1132Q – Calculus I & II   
 MATH 1151Q & MATH 1152Q – Honors Calculus I & II

Complete one of the following **Multivariable** courses:

MATH 2110Q – Multivariable Calculus   
 MATH 2130Q – Honors Multivariable Calculus

Complete one of the following **Differential Equations** courses:

MATH 2410Q – Elementary Differential Equations   
 MATH 2420Q – Honors Differential Equations

Complete one of the following **Physics** sequences:

PHYS 1201Q, 1202Q, & 1230 – General Physics I, II & General Physics Problems  
 PHYS 1401Q & 1402Q – General Physics with Calculus I & II  
 PHYS 1501Q & 1502Q – Physics for Engineers I & II   
 PHYS 1601Q & 1602Q – Fundamentals of Physics I & II

Complete one of the following **Biology** courses:

BIOL 1107 – Principles of Biology I  
 BIOL 1108 – Principles of Biology II  
 BIOL 1110 – Introduction to Botany

### Upper Division Chemistry Requirements

CHEM 2443 – Organic Chemistry I   
 CHEM 2444 – Organic Chemistry II   
 CHEM 2445 – Organic Chemistry Lab   
 CHEM 3563 – Physical Chemistry I   
 CHEM 3564 – Physical Chemistry II   
 CHEM 3565W – Physical Chemistry Lab   
 CHEM 3332 – Quantitative Analytical Chemistry   
 CHEM 3334 – Instrumental Analysis I  
 CHEM 3210 – Descriptive Inorganic Chemistry  
 CHEM 3214 – Intermediate Inorganic Chemistry

And either:  
**(a) for the Chemistry Option**

CHEM 3215 – Inorganic Chemistry Lab

**Or (b) for the Environmental Chemistry Option**

CHEM 4370 & 4371 – Environmental Chemistry I & II

### Related Upper Division Courses (CLAS Requirement)

Not less than 12 credits related to, but outside the major department.

MATH 2110Q or 2130Q – Multivariable Calculus   
 MATH 2410Q or 2420Q – Differential Equations   
      

### ACS Accreditation Yes No

For an American Chemical Society accredited degree, one Biochemistry and one advanced level CHEM course, listed  
below, must be taken.

Complete one of the following **Biochemistry** courses:

MCB 2000 – Introduction to Biochemistry  
 MCB 3010 – Biochemistry

Complete at least one of the following **advanced level CHEM** courses:

CHEM 3189 – Undergraduate Research   
 CHEM 3442W – Advanced Organic Lab  
 CHEM 3661 – Polymer Chemistry   
 CHEM 4196W – Undergraduate Thesis  
 CHEM 4370 – Environmental Chemistry I  
 CHEM 4371 – Environmental Chemistry II  
 CHEM 4551 – Quantum Chemistry   
 any Chemistry Graduate Course (5000 level)