

# Alma College – Department Of Chemistry

## Common Pathway to a Chemistry Major\*

### Fall

### Winter

#### First Year

General Chemistry – CHM 115  
Calculus I – MTH 121

Organic Chemistry I – CHM 223  
Calculus II – MTH 122

#### Second Year

Organic Chemistry II – CHM 224  
Physics – PHY 121 or 112

Inorganic Chemistry – CHM 230  
Physics – PHY 122 or 113

#### Third Year

Biochemistry – BCM 321  
Quantum Chemistry – CHM 332  
Electives

Instrumental Analysis – CHM 320  
Chemical Thermodynamics – CHM 331  
Electives

#### Fourth Year

Electives

Electives  
Senior Seminar - CHM 450

#### Electives

Essentials of Medicinal Chemistry – CHM 310  
Environmental Chemistry – CHM 311  
Flavor and Fragrance Chemistry – CHM 312  
Inorganic Structure and Reactivity – CHM 313  
Bioinorganic Chemistry – CHM 314  
Polymer Chemistry - CHM 380  
Advanced Organic Chemistry – CHM 411 (Spring Term Offering, 'S' Course)  
Independent Research – CHM 299, 399, 499

\*This schedule is intended to give a representative idea of a plan of study. The actual timing of this course work would depend on each individual's plan and needs. For more information, see <http://www.alma.edu/chemistry>.