

# Chemistry and Biochemistry

## Community College

### First Semester

CHEM 115 – Chemistry for the Sciences 1  
MATH 113/125 – Pre-Calculus or Calculus 1

### Second Semester

CHEM 116 – Chemistry for the Sciences 2  
MATH 125/126 – Calculus 1 or Calculus 2

### Third Semester

CHEM 231 – Organic Chemistry 1  
MATH 126/225 – Calculus 2 or Calculus 3  
PHYSICS 211 – General Physics 1

### Fourth Semester

CHEM 232 – Organic Chemistry 2  
MATH 225 – Calculus 3 (if not already completed)  
PHYSICS 212 – General Physics 2

## Bloomsburg University

### Fifth Semester

CHEM 361 – Physical Chemistry 1  
CHEM 321 – Analytical Chemistry 1

### Sixth Semester

CHEM 362 – Physical Chemistry 2  
CHEM 322 – Instrumental Analytical Chemistry  
\*CHEM 251 – Inorganic Chemistry  
\*CHEM 281 – Intro to Chemical Literature

### Seventh Semester

CHEM 452 – Advanced Inorganic  
\*\*Chemistry Electives

### Eighth Semester

\*\*Chemistry Electives

---

\* Not offered at Community Colleges; required as prerequisites for senior year.

\*\* Chemistry Electives Include:

CHEM 333 (Advanced Organic), CHEM 341 (Biochemistry), CHEM 371 (Intro to Polymers)  
CHEM 482 (Advanced Topics in Chemistry), or CHEM 492 (Research 1)

