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

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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)