

Chemistry B.S.

Fall—First Year

- **CHEM 130 Chemical Principles I***
- **CHEM 145 Freshman Seminar**
- **MATH 198 Calculus I (math placement)**
- Liberal Studies Program (LSP) coursework

Fall—Second Year

- **CHEM 222 Intro to Quant Analysis**
- **CHEM 245 Sophomore Seminar**
- **CHEM 329 Organic Chemistry I**
- **MATH 264 Calculus III**
- LSP coursework

Fall—Third Year

- **CHEM 345 Junior Seminar**
- **CHEM 323/324 Physical Chemistry I & Lab**
- **PHYS 196 (or 186) Physics w Calc II**
LSP coursework

Fall—Fourth Year

- **CHEM 445 Senior Seminar**
- **CHEM 473/474 Inorganic Chem & Lab**
- **CHEM 335 Biochemistry I**
- Elective(s) and/or LSP coursework

Spring—First Year

- **CHEM 131 Chemical principles II**
- **MATH 263 Calc II (math placement)**
- LSP coursework

Spring—Second Year

- **CHEM 331 Organic Chemistry II**
- **CHEM 333 Organic Chem Labs I & II**
- **PHYS 195 (or 185) Physics w Calculus I**
- LSP coursework

Spring—Third Year

- **CHEM 322 Instrumental Analysis**
- **CHEM 325/326 Physical Chemistry II & Lab**
- Elective(s) and/or LSP coursework

Spring—Fourth Year

- **CHEM 310 Modern Methods in Biochemistry**
- **CHEM 4xx course or research**
- Elective(s) and/or LSP coursework

*Students who begin with **CHEM 129 Basic Principles of Chemistry**, because math placement is lower than Calculus, will take CHEM 130 in the Spring semester.

Electives only as needed to total 120 credit hrs.