

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

Spring—First Year

- ***CHEM 131 Chemical principles II***
- ***MATH 263 Calc II (math placement)***
- ***STAT 190 Basic Statistics***
- 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

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

Fall—Third Year

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

Spring—Third Year

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