### MAJOR COURSES

- **CHE51-153** Principles of General Chemistry
- **CHE51-143** Principles of General Chemistry w/ Tutorial
- **CHE51-161** Chemical Methods and Techniques Lab
- **CHE51-163** Chemical Kinetics & Equilibrium
- **CHE51-543** Organic Chemistry I*
- **CHE51-541** Organic Chemistry I Lab*
- **CHE51-561** Organic Chemistry II Lab for Majors*
- **CHE51-564** General Biochemistry I for Majors*
- **CHE51-584** General Biochemistry II*
- **CHE51-553** Organic Chemistry II for Majors*
- **CHE51-151** Chemical Methods and Techniques Lab
- **CHE51-141** Chemical Methods and Techniques Lab
- **CHE51-634** Inorganic Chemistry and Biological Systems
- **CHE51-644** Instrumentation in Environmental & Biological Analysis
- **CHE51-714** Physical Chemistry: Thermodynamics & Kinetics
- **CHE51-684** Advanced Topics in Biochemistry
- **CHE51-604** Pharmaceutical Chemistry
- **CHE51-694** Biochemistry of Nucleic Acids
- **BIO50-232** Methods in Cellular/Molecular Biology
- **BIO50-XX** Required Supporting Courses:
  - **CHE51-153** Principles of General Chemistry
  - **CHE51-151** Chemical Methods and Techniques Lab
  - **CHE51-161** Chemical Kinetics & Equilibrium
  - **CHE51-163** Chemical Kinetics & Equilibrium Lab
  - **CHE51-634** Inorganic Chemistry and Biological Systems
  - **CHE51-644** Instrumentation in Environmental & Biological Analysis
  - **CHE51-714** Physical Chemistry: Thermodynamics & Kinetics
  - **CHE51-543** Organic Chemistry I*
  - **CHE51-541** Organic Chemistry I Lab*
  - **CHE51-561** Organic Chemistry II Lab for Majors*
  - **CHE51-564** General Biochemistry I for Majors*
  - **CHE51-584** General Biochemistry II*
  - **CHE51-553** Organic Chemistry II for Majors*
  - **CHE51-564** General Biochemistry I for Majors*
  - **CHE51-584** General Biochemistry II*
  - **CHE51-553** Organic Chemistry II for Majors*

*Both CHE51-564 and CHE51-584 must be taken at Southwestern University

* At least one from CHE51-543/541 or CHE51-553/561 must be taken at Southwestern

### GENERAL EDUCATION REQUIREMENTS

- **First Year/Adv. Entry Seminar:**
  - **UST05-014 or UST05-214**
- **Foreign Language (3 sem.)**
- **Social Justice Course (may double count with any requirement):**
- **2 different FRAs:**

### Notes

- **Minimum of 127 credits:**
  - Cumulative GPA > 2.0
  - Less than C- grade in major/minor/core?
  - At least 64 credits completed at Southwestern*
  - No more than 56 credits of any 5 digit prefix**
  - Major credits completed (min 30 required)
  - 60% of Major courses completed at Southwestern (25cr)
50% of Major courses are upper level (21cr)

Minor (optional):
  Minimum 18 credits
  Minimum 12 upper level credits
  Minimum of 12 credits taken at Southwestern
  Minimum 2.0 minor courses CGPA

Other:
  Degree Audit Completed (Due one year before grad date)
  Graduation Application Submitted (Due last semester)