

Notes

- Students are required to complete 68 credit hours in one of the tracks listed below.
- The major in Biochemistry is jointly administered by the departments of Biology and Chemistry and is approved by the American Chemical Society. To meet the ACS standards described above under chemistry major, biochemistry majors must include two additional 300-level chemistry electives chosen from CHEM 341, CHEM 343, or CHEM 347.
- A student may find it convenient to take MATH 120 and/or 121 during the summer.
- Pre-Health Students: CHEM 216 and PHYS 112 and 113 should also be taken. Depending on applicant schools, students may also need to take MATH 121.
- See "Simmons PLAN & Graduation Requirements" worksheet for all-college requirements.

Major Core

Majors will complete a core of the following courses.

Course #	Course Title	Credits	Completed
First Year			
BIOL 113/ 115	General Biology or Advanced General Biology	4	
BIOL 221	Microbiology	4	
CHEM 111/ 113/ 115	Introductory Chemistry: Inorganic, Principles of Chemistry, or Advanced General Chemistry	4	
CHEM 216	Quantitative Analysis	4	
MATH 120	Calculus I	4	
MATH 121	Calculus II	4	
Sophomore Year			
BIOL 225	Cell Biology	4	
CHEM 224	Organic Chemistry I	4	
CHEM 225	Organic Chemistry II	4	
PHYS 112	Fundamentals of Physics I	4	
PHYS 113	Fundamentals of Physics II	4	
Junior Year			
BIOL 337	Molecular Biology	4	
CHEM 331	Thermodynamics and Kinetics	4	
CHEM 345	Biochemistry	4	

TWO 300-level Biology or Chemistry Courses.

Courses Selected	Credits	Completed
	4	
	4	

Capstone

Complete 8 semester hours to fulfill the Capstone Requirement in Biology or Chemistry (CHEM 355, CHEM 390, BIOL 350, BIOL 355 and BIOL 370).

Courses Selected	Credits	Completed