

BIOLOGY MAJOR (BA TRADITIONAL)

Biology majors develop a strong foundation in biology by exploring cell biology, genetics, molecular biology, chemistry, evolutionary theory, scientific methodology, and laboratory techniques in our core curriculum. Students then have the opportunity to tailor their degree with various electives including immunology, microbiology, human anatomy and physiology, and human gross anatomy, in which students have access to a human cadaver lab. The coursework pushes students to sharpen their critical thinking, scientific reasoning, and laboratory skills.

General Education Requirements

All degree seeking undergraduate students must complete the general education (<https://catalog.csp.edu/undergraduate/academic-information/general-education-requirements/>) requirements.

Degree Requirements

A Bachelor of Arts degree consists of a major of typically 30 to 44 credits or two minors, general education courses, upper-level requirements, and elective courses totaling a minimum of 120 credits.

Code	Title	Credits
Prerequisites from General Education		
BIO 120	General Biology I (4)	
Required		
BIO 130	General Biology II	4
BIO 210	Genetics	4
BIO 300	Microbiology	4
BIO 330	Cell Biology	4
CHE 115	General Chemistry I	4
CHE 116	General Chemistry II	4
SCI 435	Research and Techniques	4
or SCI 455	Research in Science	
SCI 453	Science Senior Capstone	2
Electives (13 credits required)		13
BIO 315	Human Anatomy and Physiology I (4)	
BIO 316	Human Anatomy and Physiology II (4)	
BIO 345	Science Issues and Ethics (3)	
BIO 350	Medical Terminology (2)	
BIO 445	Immunology (3)	
BIO 440	Human Gross Anatomy (4)	
BIO 497	Biology Teaching Assistant (1)	
SCI 255	Global Regulatory and Legal Requirements of Quality (3)	
SCI 436	Advanced Research & Techniques (4)	
SCI 456	Advanced Research in Science (1-4)	
Total Credits		43

¹ Secondary education majors seeking 9-12 life science licensure must take BIO 300 as part of their elective coursework.