

Major Planning Worksheet
Biology-Chemistry (56-61 hours)
Bachelor of Science
 2023-2024 Catalog

Name: _____ ID Number: _____

Planned Degree Completion Date: Mo. _____ Yr. _____

Required Courses

		Hours
BIOL 106/L	Principles of Biology I/Lab	3.0/1.0
BIOL 108/L	Principles of Biology II/Lab	3.0/1.0
BIOL 229/L	Introduction to Molecular Biology/Lab*	3.0/1.0
BIOL 422/L	Advanced Human Physiology/Lab	3.0/1.0
CHEM 111/L	General Chemistry I/Lab	3.0/1.0
CHEM 113/L	General Chemistry II/Lab	3.0/1.0
CHEM 235/L	Analytical Chemistry/Lab*	3.0/1.0
CHEM 311/L	Organic Chemistry I/Lab*	3.0/1.0
CHEM 312/L	Organic Chemistry II/Lab	3.0/1.0
CHEM 405	Biochemistry I	3.0
NASC 202	Exploring STEM Careers	1.0
NASC 450	Senior Seminar	1.0

Program Electives

BIOL 202/L	Fundamentals of Human Anatomy w/Lab	3.0/1.0
OR		
BIOL 364/L	Comparative Vertebrate Anatomy w/Lab	3.0/1.0
BIOL 313/L	Microbiology w/Lab	3.0/1.0
OR		
BIOL 365	Cell Biology	3.0
CHEM 405L	Biochemistry Lab I	1.0
OR		
CHEM 406	Biochemistry II	3.0

Two hours of experiential learning selected from:

BIOL 475	Internship in Biology	3.0
BIOL 496	Research in Biology	1.0-2.0
CHEM 475	Internship	1.0-2.0
CHEM 496	Research	1.0-2.0
NASC 310	Medical Practicum	3.0
NASC 375	Health Science Practicum	1.0-2.0
NASC 475	Health Science Internship	1.0-3.0
PHYS 499	Research	1.0-2.0

One year of physics selected from:

PHYS 111	College Physics I	4.0
PHYS 112	College Physics II	4.0
OR		
PHYS 210	General Physics I	4.0
PHYS 220	General Physics II	4.0

*Courses satisfy the Bachelor of Science Degree requirement

Notes: