

**Major Planning Worksheet**  
**Biology-Chemistry (56-61 hours)**  
**Bachelor of Science**  
 2024-2025 Catalog

Name: \_\_\_\_\_ ID Number: \_\_\_\_\_

Planned Degree Completion Date: Mo. \_\_\_\_\_ Yr. \_\_\_\_\_

**Required Courses**

		<b>Hours</b>
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: