



**2023-2024**

## **BIOLOGY MAJOR, B.A.**

Science & Health Department; School of Science, Health & Mathematics

The biology degree prepares students for entry level work in the life sciences, for admission to medical programs, and for graduate study in disciplines such as anatomy, physiology, genetics, microbiology, ecology, and plant science

*To graduate must complete all major requirements, foundational requirements, and additional electives needed for 124 hour minimum degree requirement.*

### **MAJOR REQUIREMENTS (63)**

__ 3	BIO	201	General Biology I		Choose one Environmental Biology:
__ 3	BIO	202	General Biology II		__ 4    BIO    217+219 Environmental Science
__ 1	BIO	203	General Biology Lab I		BIO    221+223 Ecology
__ 1	BIO	204	General Biology Lab II		
__ 2	BIO	341	Ethical Issues		Choose one Plant Biology:
__ 3	BIO	352	Physiology		BIO    227+229 Aquatic/Wetland Biology
__ 1	BIO	354	Physiology Lab		__ 4    BIO    272+274 Principles Plant Biology
__ 1	BIO	399	Intro to Bio Research		
__ 2	BIO	400	Senior Research		Choose one Cellular Biology:
__ 1	BIO	475	Senior Seminar		BIO    322    Genetics
					__ 3-4    BIO    372+374 Cell & Molecular Bio
__ 3	CHE	121	Gen College Chemistry I		Choose one Human Biology:
__ 3	CHE	122	Gen College Chemistry II		BIO    211+213 Microbiology
__ 1	CHE	123	Gen College Chemistry Lab I		__ 3-4    BIO    331+333 Human Anatomy
__ 1	CHE	124	Gen College Chemistry Lab II		BIO    379    Immunology
__ 3	CHE	221	Organic Chemistry I		
__ 3	CHE	222	Organic Chemistry II		
__ 1	CHE	223	Organic Chemistry Lab I		
__ 1	CHE	224	Organic Chemistry Lab II		
__ 4	MAT	181	Calculus I	__ Lab	
__ 4	PHY	201	Intro Physics I	__ Lab	
__ 4	PHY	202	Intro Physics II	__ Lab	
__ 3	PSY	315	Stats for Behavioral Science		

### **PLUS FOUNDATIONS REQUIREMENTS (49)**

(3 hours Math and 4 hours Science satisfied by required major courses.)

### **Plus electives needed for the 124 hour degree requirement (12)**