



2018-2019

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
__ 3	BIO	202	General Biology II
__ 1	BIO	203	General Biology Lab I
__ 1	BIO	204	General Biology Lab II
__ 2	BIO	341	Ethical Issues
__ 3	BIO	352	Physiology
__ 1	BIO	354	Physiology Lab
__ 1	BIO	399	Intro to Bio Research
__ 2	BIO	400	Senior Research
__ 1	BIO	475	Senior Seminar
__ 3	CHE	121	Gen College Chemistry I
__ 3	CHE	122	Gen College Chemistry II
__ 1	CHE	123	Gen College Chemistry Lab I
__ 1	CHE	124	Gen College Chemistry Lab II
__ 4	CHE	201	Organic Chemistry I ___lab
__ 4	CHE	202	Organic Chemistry II ___lab
__ 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

Choose one Environmental Biology:

__ 4	BIO	217+219	Environmental Science ___lab
	BIO	221+223	Ecology ___lab

Choose one Plant Biology:

	BIO	227+229	Aquatic/Wetland Biology ___lab
__ 4	BIO	272+274	Principles Plant Biology ___lab

Choose one Cellular Biology:

	BIO	322	Genetics
__ 3-4	BIO	372+374	Cell & Molecular Bio ___lab

Choose one Human Biology:

	BIO	211+213	Microbiology ___lab
__ 3-4	BIO	331+333	Human Anatomy ___lab
	BIO	379	Immunology

PLUS FOUNDATIONAL REQUIREMENTS (39)

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

Plus electives needed for the 124 hour degree requirement (22)