

College of Health & Sciences

2022-2023 Biology- Ecology Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>	<u>Spring Semester</u>
UNIV 1001 * Freshman Seminar	BIOL 1314 General Zoology
BIOL 1114 * General Biology	ENG 1213 * Freshman Composition II Communication** (<i>Computer Literacy</i>)
ENG 1113 * Freshman Composition I	---3 * <i>recommended</i>)
MATH 1513 * College Algebra OR MATH 2825 Calculus and Analytic Geometry I	---3 * Humanities- Western Civilization**
PS 1113 * United States Government	CHEM 1114 General Chemistry I

14-16 TOTAL HOURS

17 TOTAL HOURS

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>	<u>Spring Semester</u>
BIOL 1214 General Botany	CHEM 3114 Organic Chemistry I
CHEM 1214 General Chemistry II	PHYS 1214 General Physics II
PHYS 1114 * General Physics I	---3 <u>One of the following</u>
KIN 2122 * Wellness or Basic Nutrition HHFS 1513	EHS 3703 Biostatistics
---3 * Humanities-Cultural/Human Diversity	MATH 1223 Intro to Prob and Stat
	PSYCH 3833 Behavioral Science Stat
	SOC 3833 Stats for Social Sciences
	---3 * Communication** (Speech or Language)
	---3 * Humanities & Social Sciences**

17-18 TOTAL HOURS

17 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
BIOL 3434 Genetics	BIOL 3245 Comparative Vertebrate Anatomy
BIOL 3934 Limnology	BIOL ---4 Biology Upper Level Required Electives (not BIOL 4473, 4513, 4713)
BIOL 4323 Exp Design in Biological Science	BIOL ---4 Biology Upper Level Required Electives (not BIOL 4473, 4513, 4713)
HIST 24-3 * United States History Survey	
---3 * Social Sciences**	

17 TOTAL HOURS

13 TOTAL HOURS

FOURTH YEAR - SENIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
BIOL 2002 Introductory Research Experience	BIOL 4414 Ecology
BIOL 3634 Human Physiology	BIOL 4881 Senior Seminar
BIOL 4123 Evolution	BIOL ---4 Biology Required Elective
BIOL ---4 Biology Upper Level Required Electives (not BIOL 4473, 4513, 4713)	---4 Electives*** (4 hours)
---3 Electives*** (3 hours)	

16 TOTAL HOURS

13 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 124

*General Education Requirement

**See current catalog "General Education Requirements" for selection

***No Minor Required /Electives (5-7 hours)