

College of Health & Sciences

2022-2023 Biology- Health Sciences 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
ENG	1113 * Freshman Composition I	MATH	1513 * College Algebra OR MATH 2825 Calculus and Analytic Geometry I
HIST	24-3 * United States History Survey	PS	1113 * United States Government
KIN	2122 * Wellness or Basic Nutrition HHFS 1513	PSYCH	1113 * General Psychology
	---3 * Communication** (<i>Computer Literacy recommended</i>)		

16-17 TOTAL HOURS

16-18 TOTAL HOURS

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>		<u>Spring Semester</u>	
BIOL	1214 General Botany	BIOL	2184 Human Anatomy OR BIOL 3245 Comparative Vertebrate Anatomy
CHEM	1114 General Chemistry I	CHEM	1214 General Chemistry II
	---3 * Communication (Speech or Language)	PHYS	1114 * General Physics I
	---3 Required Elective (<i>BIOL 2113 recommended</i>)		---3 * Humanities- Western Civilization**

14 TOTAL HOURS

15-16 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
BIOL	2344 General Microbiology	BIOL	3434 Genetics
BIOL	3634 Human Physiology		---3 <u>One of the following:</u>
CHEM	3114 Organic Chemistry I		EHS 3703 Biostatistics
PHYS	1214 General Physics II		MATH 1223 Intro to Prob and Stat
			PSYCH 3833 Behavioral Science Stat
			SOC 3833 Stats for Social Sciences
			---3 * Humanities-Cultural/Human Diversity
		BIOL	---3/4 Required Elective (<i>Select one of the following: BIOL 2113, 3013, 3254, 3623, 3654, 3683, 4113, 4553</i>)

16 TOTAL HOURS

13-14 TOTAL HOURS

FOURTH YEAR - SENIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
	---3 * Humanities & Social Sciences**	BIOL	4414 Ecology
BIOL	4313 Cell and Molecular Biology	BIOL	4881 Biology Senior Seminar
BIOL	---3/4 Required Elective (<i>Select one of the following: BIOL 2113, 3013, 3254, 3623, 3654, 3683, 4113, 4553</i>)	BIOL	---3/4 Required Elective (<i>Select one of the following: BIOL 2113, 3013, 3254, 3623, 3654, 3683, 4113, 4553</i>)
	Electives ***(7-8 hours)		Electives*** (8-12 hours)

16-18 TOTAL HOURS

16-17 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 124

*General Education Requirement

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

***No Minor Required /Electives (15-20 hours)