

ATTENTION:

Changes to the course schedule/repeated coursework may affect your plan. <u>YOU</u> are responsible for ensuring all degree requirements are met. Please see an Academic Advisor at least once a year.

BACHELOR OF SCIENCE OR ARTS IN BIOLOGY WITH A HEALTH, ANATOMY & PHYSIOLOGY EMPHASIS STARTING FALL 2024

IMPORTANT INFORMATION TO REMEMBER:

Students <u>MUST</u> complete a minimum of 40 Upper Division Hours (3000+ level courses)

Students <u>MUST</u> complete a minimum of 42 Biology credit hours

Students <u>MUST</u> complete a minimum 16 Upper Division Biology Hours (3000+ level courses)

Students <u>MUST</u> complete 21 Biology Residency Hours that <u>MUST</u> be taken at the U

SCIENCE CORE

SCIENCE CORE			
COURSE	TITLE	CREDITS	SEMESTER
MATH 1170 OR MATH 1210	CALCULUS FOR BIOLOGIST I OR CALCULUS I	4	
MATH 1180 OR MATH 1220	STATS W/CALCULUS FOR BIOLOGIST II OR CALCULUS II	4	
CHEM 1210	GEN CHEMISTRY I	4	
CHEM 1215	GEN CHEMISTRY LAB I	1	
CHEM 1220	GEN CHEMISTRY II	4	
CHEM 1225	GEN CHEMISTRY LAB II	1	
CHEM 2310	ORGANIC CHEMISTRY I	4	
PHYS 2010	GENERAL PHYSICS I	4	
PHYS 2020	GENERAL PHYSICS II	4	

BIOLOGY CORE

COURSE	TITLE	CREDITS	SEMESTER
BIOL 1610	FUND. OF BIOLOGY I	4	
BIOL 1615	FUND. OF BIOLOGY LAB I	1	
BIOL 1620	FUND. OF BIOLOGY II	4	
BIOL 1625	FUND. OF BIOLOGY LAB II	1	
BIOL 2020 OR BIOL 2021	PRINC. OF CELL BIOLOGY OR PRINC. OF CELL SCIENCE (HONORS)	3 OR 4	
BIOL 2030	GENETICS	3	
BIOL 3410	ECOLOGY & EVOLUTION	3	
BIOL 3510	BIOLOGICAL CHEMISTRY	3	

EMPHASIS REQUIRED COURSES COMPLETE 4 EMPHASIS ELECTIVES

COURSE	TITLE	CREDITS	SEMESTER
BIOL 2325	HUMAN ANATOMY	4 [L1]	
OR	OR	OR	
BIOL 2420	HUMAN PHYSIOLOGY	4	

GENERAL & PATHOGENIC	3	
MICROBIOLOGY	3	
INTRO TO CELLUAR	2	
NEUROBIOLOGY	3	
COMP VERTEBRATE	2	
MORPHOLOGY	3	
COMP PHYSIOLOGY	3	
BEHAVIORAL	2	
NEUROBIOLOGY	3	
VERTEBRATE	2	
EMBRYOLOGY	3	
EVOL & PHYSIO BASIS OF	2	
HEALTH	3	
FUNCTIONAL		
MUSCULOSKETAL	3	
ANATOMY		
ANIMAL BEHAVIOR	3	
MAMMALOGY	3	
GENES, DEVELOPMENT &	2	
EVOLUTION	3	
ECO & EVO OF		
PARASITES &	3	
PATHOGENS		
	MICROBIOLOGY INTRO TO CELLUAR NEUROBIOLOGY COMP VERTEBRATE MORPHOLOGY COMP PHYSIOLOGY BEHAVIORAL NEUROBIOLOGY VERTEBRATE EMBRYOLOGY EVOL & PHYSIO BASIS OF HEALTH FUNCTIONAL MUSCULOSKETAL ANATOMY ANIMAL BEHAVIOR MAMMALOGY GENES, DEVELOPMENT & EVOLUTION ECO & EVO OF PARASITES &	MICROBIOLOGY INTRO TO CELLUAR NEUROBIOLOGY COMP VERTEBRATE MORPHOLOGY COMP PHYSIOLOGY BEHAVIORAL NEUROBIOLOGY VERTEBRATE EMBRYOLOGY EVOL & PHYSIO BASIS OF HEALTH FUNCTIONAL MUSCULOSKETAL ANATOMY ANIMAL BEHAVIOR MAMMALOGY GENES, DEVELOPMENT & EVOL & EVO OF PARASITES & 3 3 3 3 3 4 5 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8

COMPLETE 1 REQUIRED EMPHASIS LAB

COMPLETE I REQUIRED EMPHASIS LAB			
COURSE	TITLE	CREDITS	SEMESTER
BIOL 3125	MOL TOOLS FOR EVO &	3 [L2]	
BIOL 3123	POPULATION BIOLOGY	3 [LZ]	
BIOL 3205	GENERAL	1 [L1]	
BIOL 3203	MICROBIOLOGY LAB	I [LI]	
BIOL 3315	COMP VEREBRATE	1 [L1]	
BIOL 3313	MORPHOLOGY LAB		
BIOL 3325	COMP PHYSIOLOGY LAB	3 [L2]	
BIOL 3665	FORM, FUNCATION &	3 [L2]	
BIOL 3003	ADAPTATION IN ANIMALS	3 [LZ]	
	MICROBIAL DIVERSITY,		
BIOL 5275	GENOMICS &	4 [L1]	
	EVOLUTION		
BIOL 5575	ECO & EVO OF PARASITES	1 [L1]	
DIOL 33/3	& PATHOGENS LAB	T [LT]	

(801) 587-0639

bioadvising@utah.edu

COMPLETE 2 5000-LEVEL BIOLOGY COURSES NEEDS TO BE AT LEAST 2 CREDIT HOURS

COURSE	TITLE	CREDITS	SEMESTER

COMPLETE AT LEAST 2 ADDITIONAL BIOLOGY LAB COURSES TOTALLING 3 LAB UNITS

COURSE	TITLE	LAB UNITS	SEMESTER

OTHER BIOLOGY COURSES NEEDED FOR THE REQUIRED 42 BIOLOGY HOURS

COURSE	TITLE	CREDITS	SEMESTER