

BIOSCIENCE CONCENTRATION, HEALTH SCIENCES (BS)

Course Requirements

Course	Title	Quarter Hours
BIO 192	GENERAL BIOLOGY II FOR SCIENCE MAJORS	4
BIO 193	GENERAL BIOLOGY III FOR SCIENCE MAJORS	4
BIO 210	MICROBIOLOGY	4
BIO 206	BIOSTATISTICS	4
BIO 250	CELL BIOLOGY	4
CHE 130 & CHE 131	GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LABORATORY	4
CHE 132 & CHE 133	GENERAL CHEMISTRY II and GENERAL CHEMISTRY LABORATORY II	4
CHE 134 & CHE 135	GENERAL CHEMISTRY III and GENERAL CHEMISTRY LABORATORY III	4
Select one of the following:		8
HLTH 301 & HLTH 302	INTEGRATED HUMAN ANATOMY AND PHYSIOLOGY-A and INTEGRATED HUMAN ANATOMY AND PHYSIOLOGY-B	
BIO 201 & BIO 308	HUMAN ANATOMY and HUMAN PHYSIOLOGY	

* Student may not combine the HLTH and BIO Anatomy and Physiology courses (eg: HLTH 301 and BIO 201)

Concentration Electives

Course	Title	Quarter Hours
Select 7 courses from the following:		28
HLTH 220	INTRO TO OCCUPATIONAL THERAPY	
HLTH 229	ETHICS FOR HEALTH SCIENCES	
HLTH 272	INTRODUCTION TO MEDICAL ANTHROPOLOGY	
HLTH 310	FUNDAMENTALS OF EPIDEMIOLOGY	
HLTH 315	MATERNAL AND CHILD HEALTH	
HLTH 318	HEALTH OF AGING POPULATIONS	
HLTH 320	MOLECULAR VIROLOGY	
HLTH 325	PHYSIOLOGY OF POVERTY	
HLTH 327	PHYSIOLOGY AND SOCIAL IMPACT OF DRUG USE	
HLTH 329	HEALTH HUMANITIES	
HLTH 339	BIOETHICS IN SOCIETY CAPSTONE SEMINAR	
HLTH 341	DEATH AND DYING	

HLTH 345	FUNDAMENTALS OF ENVIRONMENTAL HEALTH
HLTH 360	INTRODUCTION TO GLOBAL HEALTH
HLTH 370	MOLECULAR MECHANISMS OF HUMAN DISEASE
HLTH 375	INTRODUCTION TO PHARMACOLOGY
HLTH 380	TOPICS IN HEALTH SCIENCES
HLTH 397	MENTORED RESEARCH EXPERIENCE IN HEALTH SCIENCES
HLTH 399	INDEPENDENT STUDY
ANT 361 or ANT 362	GLOBAL ISSUES IN WOMEN'S HEALTH GLOBAL HISTORY OF HEALTH
BIO 260	GENETICS
BIO 311	HISTOLOGY
BIO 330	DEVELOPMENTAL BIOLOGY
BIO 339	CELLULAR NEUROBIOLOGY
BIO 340	BEHAVIORAL NEUROSCIENCE
BIO 347	TOPICS IN MEDICAL BACTERIOLOGY
BIO 348	THE BIOLOGY OF INFECTION
BIO 360	MOLECULAR BIOLOGY
BIO 365	PRINCIPLES OF TOXICOLOGY
BIO 370	IMMUNOBIOLOGY
BIO 380	CANCER BIOLOGY
BIO 386	ENDOCRINOLOGY
CHE 230 & CHE 231	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY LABORATORY I
CHE 232 & CHE 233	ORGANIC CHEMISTRY II and ORGANIC CHEMISTRY LABORATORY II
CHE 234 & CHE 235	ORGANIC CHEMISTRY III and ORGANIC CHEMISTRY LABORATORY III
CHE 236 & CHE 237	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY I LABORATORY
CHE 238 & CHE 239	ORGANIC CHEMISTRY II and ORGANIC CHEMISTRY II LABORATORY
CHE 340 & CHE 341	BIOCHEMISTRY I and EXPERIMENTAL BIOCHEMISTRY I
CHE 342 & CHE 343	BIOCHEMISTRY II and EXPERIMENTAL BIOCHEMISTRY II
CHE 346	PRINCIPLES OF BIOCHEMISTRY
CHE 360	MEDICINAL CHEMISTRY
CHE 362	DRUGS AND TOXICOLOGY
CHE 364	NUTRITION
CMNS 315	HEALTH COMMUNICATION
KNES 273	HEALTH AND NUTRITION
KNES 351	KINESIOLOGY
MAT 150	CALCULUS I
MAT 151	CALCULUS II
MAT 152	CALCULUS III
NEU 201	INTRODUCTION TO NEUROSCIENCE
PHY 150	GENERAL PHYSICS I
PHY 151	GENERAL PHYSICS II

PHY 152	GENERAL PHYSICS III
PSY 105	INTRODUCTORY PSYCHOLOGY I
or PSY 106	INTRODUCTORY PSYCHOLOGY II
PSY 303	HUMAN DEVELOPMENT
PSY 353	INTRODUCTION TO PSYCHOPATHOLOGY AND CLINICAL SCIENCE
SOC 373	PUBLIC HEALTH AND HIGH RISK BEHAVIOR

Open Electives

Open elective credit also is required to meet the minimum graduation requirement of 192 hours.