

ACCELERATED BIOSCIENCE/ PUBLIC HEALTH 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 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	
Total Hours		36

Courses Applied to the BS and MPH

Course	Title	Quarter Hours
MPH 501	INTRODUCTION TO PUBLIC HEALTH	4
MPH 502	INTRODUCTION TO EPIDEMIOLOGY	4
MPH 503	INTRODUCTION TO ENVIRONMENTAL HEALTH	4
MPH 511	HEALTH AND BEHAVIOR THEORY	4
MPH 541	BIostatISTICS	4
Total Hours		20

Bioscience Concentration Electives

Course	Title	Quarter Hours
Select three (3) electives from the list below:		12
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 329	HEALTH HUMANITIES
HLTH 339	BIOETHICS IN SOCIETY CAPSTONE SEMINAR
HLTH 341	DEATH AND DYING
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 or GLOBAL HISTORY OF HEALTH
BIO 260	GENETICS
BIO 330	DEVELOPMENTAL BIOLOGY
BIO 339	CELLULAR NEUROBIOLOGY
BIO 340	BEHAVIORAL NEUROSCIENCE
BIO 347	TOPICS IN MEDICAL BACTERIOLOGY
BIO 360	MOLECULAR BIOLOGY
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

OT 200	INTRO TO OCCUPATIONAL THERAPY
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.