

**Environmental-Occupational
Health Emphasis
Fall 2024**

Plan for Incoming Freshman

Emphasis (60 credit hours)

Complete the following Core courses:

- HLTH 210 - Foundations of Public Health (3.0)
- HLTH 312 - Introduction to Planning, Interventions, & Evaluations (3.0)
- HLTH 313 - Introduction to Data Collection and Analysis (3.0)
- HLTH 314 - Health, Disease, and Their Determinants, Part 1 (3.0)
- HLTH 315 - Health, Disease, and Their Determinants, Part 2 (3.0)
- HLTH 316 - Influencing Health through Health Systems and Policy (3.0)

Complete the following Emphasis Core Classes:

- HLTH 322 - Environmental Health (3.0)
- HLTH 324 - Occupational Health and Safety (3.0) *fall semester only*
- HLTH 426 - Environmental Toxicology (3.0) *winter semester only*
- HLTH 428 - Occupational Exposure Lab (3.0) *fall semester only*
- HLTH 429 - Air Quality Assessment Lab (3.0) *winter semester only*

Complete the following support courses:

- CHEM 105 - General College Chemistry (4.0)
- CHEM 106 - General College Chemistry (3.0)
- CHEM 107 - General College Chemistry Lab (1.0)
- MMBIO 221 - General Microbiology (3.0)
- MMBIO 222 - General Microbiology Laboratory (1.0)
- STAT 221 - Principles of Statistics (3.0) - OR - HLTH 447 BioStats (3.0)

Complete 3.0 credit hours from the following:

- Applied learning experience (3.0)

Complete 9.0 credit hours from the following courses

- CHEM 285 - Introductory Bio-Organic Chemistry (4.0)
- CHEM 351 - Organic Chemistry (3.0)
- CHEM 352 - Organic Chemistry II (3.0)
- CHEM 481 - Biochemistry (3.0)
- GEOG 101 - Global Environment (3.0)
- GEOG 303 - Biogeography (3.0)
- GEOG 310 - Intro to urban planning
- HLTH 345 - Principles of Epidemiology (3.0)
- HLTH 420 - Injury and Violence Prevention (3.0) *fall semester only*
- HLTH 422 - Disaster Response & Emergency Preparedness (3.0) *winter*
- HLTH 456 - Families and Public Health (3.0)
- HLTH 480 - International Health (3.0)
- HLTH 482 - Medical Geography (3.0) *fall semester only*
- HLTH 492R - Directed Public Health Readings (3.0v)
- MMBIO 121 - GenBio:Health and Disease (3.0)
- MMBIO 261 - Infection and Immunity (3.0)
- MMBIO 418 - Medical Parasitology (3.0)
- MMBIO 465 - Virology (3.0)
- NDFS 361 - Food Microbiology (3.0)
- CELL 305 - Human Physiology (4.0)
- CELL 365 - Pathophysiology (4.0)
- PWS 150 - Environmental Biology (3.0)

Key

- Major Core
- Emphasis Core
- Support Course
- Elective
- Prerequisite
- > May be taken concurrently

