



NORTHERN ILLINOIS UNIVERSITY

College of Health and Human Sciences

Bachelor of Science in Public Health: Emphasis III: Environment and Health

Transfer Guide for Illinois Community College Students¹

This transfer guide is designed as an advising tool to facilitate a smooth transition between institutions by identifying relevant course work recommended to be completed prior to transfer.

Community college students are encouraged to

- Complete an A.A. or A.S. degree prior to transfer
- Utilize the *NIU Articulation Handbook* for information regarding the transferability of courses: <http://www.niu.edu/admissions/transfer/plan/credits/index.shtml>
- Consult with the College of Health and Human Sciences and/or review the websites for their intended majors for detailed information about special requirements, program admission requirements, and course requirements: www.chhs.niu.edu

Public Health (B.S) The public health program prepares students for professional positions in general public health, health administration, environment and health, and health promotion. Depending on their particular interests, graduates will be involved in developing and communicating health information to the public, planning and managing health service programs and facilities, and investigating and evaluating specific environmental and community health problems. As professionals, public health alumni work in a variety of capacities to:

- Improve access to health care
- Clean up environmentally contaminated sites
- Make our streets and homes safe from violence
- Advocate health programs for communities, including oral and respiratory health
- Prevent and treat substance abuse
- Assure the safety of our food supply
- Plan quality health care for our elders
- Manage the delivery of health services
- Contain the spread of infectious diseases
- Deliver smoking cessation programs

¹ Based on requirements in the 2020/21 *Undergraduate Catalog*



Among the many position titles for public health professionals are: epidemiologist, health administrator, health educator, health inspector, and geriatric care manager. Working behind the scenes everywhere in health care, public health professionals make the lives of countless individuals healthier and safer.

In **Public Health**, the program offers four different emphases: general [public health](#), health administration, [environment and health](#), and health [promotion](#). [There is also](#) a degree completion option* for applied health professionals. Among the hundreds of different position titles for public health professionals are epidemiologist, sanitarian, health educator, and geriatric care manager. Because of the complexity of the problems public health professionals work to solve, students considering a career in public health need to have a background in the biological, mathematical and social sciences.

The program also offers an [Accelerated B.S. in Public Health to M.P.H. in Public Health](#) which can be completed in as little as five years. Please call the School of Health Studies for more information.

Major in Public Health – Emphasis 3: Environment and Health

Courses Recommended Prior to Transfer

- BIOS 103 General Biology (3) & BIOS 105, General Biology Laboratory
or BIOS 208, Fundamentals of Biology I (3) and BIOS 210, Fundamentals of Biology
Laboratory (1)
- BIOS 213 Introductory Bacteriology (3)
or BIOS 313, Microbiology (4)
- CHEM 110 Chemistry (3) and CHEM 111, Chemistry Laboratory I (1)
or CHEM 210, General Chemistry I (3) and CHEM 212, General Chemistry Laboratory I (1)
- CHEM 310 Introductory Organic & Biological Chemistry (3) (*previously CHEM 230*)
- CHEM 311 Introductory Organic & Biological Chemistry Lab (1) (*previously CHEM 231*)
- MATH 110 College Algebra (3)
or MATH 210, Finite Mathematics (3)
or MATH 211, Calculus for Business (3)
or MATH 229, Calculus I (4)
- PHYS 150 Physics (3)
or PHYS 210, General Physics (4)
- STAT 100 Basic Statistics (3)
or STAT 200 Elementary Statistics (4)

Courses to be Completed at NIU

- PHHE 295 Introduction to Public Health (3)
- PHHE 315 Introduction to Health Promotion (3)
- PHHE 325 Biostatistical Applications in Public Health (3)
- PHHE 351 Elements of Environmental Health (3)
- PHHE 455 Public Health Epidemiology (3)
- PHHE 461 Public Health and the U.S. Health Care System (3)
- PHHE 467 Public Health Research and Evaluation (3)
- PHHE 469 Principles of Health Planning (3)
- PHHE 487 Public Health Pre-Practicum Seminar (1)
- PHHE 489 Practicum in Public Health (6)



Two of the following:

- PHHE 409X Water Quality (4)
- PHHE 431 Applied Health Promotion Programming (3)
- PHHE 435 Ethical Decision Making for Health Professionals (3)
- PHHE 439 Funding for Programs in Public Health (3)
- PHHE 441 Introduction to Health Care Administration (3)
- PHHE 451 Economic Issues in Public Health (3)
- PHHE 453 Financial Management of Health Care Organizations (3)
- PHHE 463 Public Health Informatics (3)

Requirements Outside School:

- ENGL 350 Writing Across the Curriculum (3)
- GEOG 253 Environment & Society (3)
- PHYS 150 Physics (3)
or PHYS 210, General Physics (4) – *Only if not taken previously at community college*
- TECH 245 Pollution, Prevention, & Sustainable Production (3)

Two of the following:

- GEOG 256 Maps and Mapping (3)
- GEOG 302 Soil Science (3)
- GEOG 303 Water Resources and the Environment (3)
- GEOG 382 Geography of Disease and Health
- GEOG 432 GIS for Public & Environmental Health (3)

Two of the following:

- TECH 231 Introduction to Workplace Health and Safety (3)
- TECH 432 Disaster Preparedness (3)
- TECH 434 Human Factors in Industrial Accident Prevention (3)
- TECH 435 Legal Aspects of Safety (3)

One course in science approved by the public health advisor (3-4)

Specific information about admission requirements to Northern Illinois University and to programs in the College of Health and Human Sciences can be found in the current [NIU Undergraduate Catalog](#). Contact the Office of Admissions to obtain an application for admission. For additional information on programs in the college, contact HHSAdvisingHelp@niu.edu

- ❖ College of Health and Human Sciences (815) 753-1891
- ❖ Department of Military Science (815) 753-6239
- ❖ School of Allied Health and Communicative Disorders
Speech-Language Pathology, Audiology and Rehabilitation Counseling (815) 753-1484
- ❖ School of Family and Consumer Sciences (815) 753-1543
- ❖ School of Health Studies



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College of Health and Human Sciences

Medical Laboratory Sciences (815) 753-1382

Nutrition, Dietetics & Wellness (815) 753-1384

Public Health: (815) 753-1384

- ❖ School of Interdisciplinary Health Professions
 - Health Sciences and Rehabilitation & Disability Services (815) 753-1891
- ❖ School of Nursing
 - Nursing: (815) 753-1231
- ❖ Gerontology Program (815) 753-1891
- ❖ Office of Admissions (815) 753-0446

Visit our website: chhs.niu.edu/