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

Transfer Guide for Illinois Community College Students

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
- Review “Limited Admissions Programs Transfer Course Equivalents” (if appropriate) provided by the NIU Transfer Center:
  http://www.niu.edu/admissions/transfer/plan/credits/limited/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

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 degree completion option for applied health professionals is in the general public health and health administration emphases. Allied health professionals must hold an AAs degree in one of the following fields: dental hygiene, respiratory care, radiologic technology, long-term care administration, health information technology, nursing, occupational therapy assistant, physical therapy assistant, speech-language pathology assistant, and surgical technology, or other appropriate health care area.

Special Note: Students who enter the public health program with the courses listed here and who have completed an A.A. or A.S. degree can usually expect to complete the NIU program in two years (including summer school).

Major in Public Health – Emphasis 3: Environment and Health

Courses Recommended Prior to Transfer

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIOS 103</td>
<td>General Biology (3) &amp; BIOS 105, General Biology Laboratory</td>
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<tr>
<td>or BIOS 208</td>
<td>Fundamentals of Biology I (3) and BIOS 210, Fundamentals of Biology Laboratory (1)</td>
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<tr>
<td>BIOS 213</td>
<td>Introductory Bacteriology (3)</td>
<td></td>
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<tr>
<td>or BIOS 313</td>
<td>Microbiology (4)</td>
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<tr>
<td>CHEM 110</td>
<td>Chemistry (3) and CHEM 111, Chemistry Laboratory I (1)</td>
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<tr>
<td>or CHEM 210</td>
<td>General Chemistry I (3) and CHEM 212, General Chemistry Laboratory I (1)</td>
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<tr>
<td>CHEM 230</td>
<td>Introductory Organic Chemistry (3)</td>
<td></td>
</tr>
<tr>
<td>CHEM 231</td>
<td>Introductory Organic Chemistry Lab (1)</td>
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<tr>
<td>MATH 210</td>
<td>Finite Mathematics (3)</td>
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1 Based on requirements in the 2016/2017 Undergraduate Catalog
or MATH 211, Calculus for Business (3)
or MATH 229, Calculus I (4)

PHYS 150  Physics (3)
or PHYS 210, General Physics (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, Pestilence, Prevention, & the Cost of Doing Business (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 432 Geography of Health (3)

**Two of the following:**

- TECH 231 Safety Programs (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](http://www.chhs.niu.edu/). 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
- School of Health Studies
  - Public Health & Health Education: (815) 753-1384
- School of Nursing
  - Nursing: (815) 753-1231
- Department of Military Science: (815) 752-7682
- School of Allied Health and Communicative Disorders
  - Medical Laboratory Sciences: (815) 753-1382
  - Physical Therapy: (815) 753-1383
  - Speech-Language Pathology, Audiology and Rehabilitation Counseling: (815) 753-1484
- School of Family, Consumer, and Nutrition Sciences: (815) 753-6350
- Gerontology Program: (815) 753-0031
- Office of Admissions: (815) 753-0446

Visit our website: [http://www.chhs.niu.edu/](http://www.chhs.niu.edu/)