Pre-Public Health

Public health is the science and art of creating healthy communities through education, research and promotion of healthy lifestyles. In contrast to the medical model of care, which focuses more heavily upon diagnosing and treating illnesses and conditions after they occur, public health practitioners focus on health promotion and disease and injury prevention. Careers in public health can be grouped by the core areas of behavioral science and health promotion, biostatistics, environmental and occupational health, epidemiology, or public health administration and policy. Pre-Public Health students work one to one with an advisor to reach their goals, and they can choose any major to pair with their focus.

WHAT IS PRE-PUBLIC HEALTH?

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HOW TO GET THERE

1. Meet with your Pre-Health Advisor at New Student Enrollment
2. Explore and research core areas of public health
3. Take the Graduate Records Exam (GRE) and apply to public health graduate programs
4. Graduate with a bachelor’s degree from UNL
5. Complete 1-6 years of a post-baccalaureate program to earn a graduate degree or certificate in public health
6. Become a Public Health Specialist

OUR STUDENTS

“From your first days on campus to your last, the Explore Center is here to help you through your Pre-Health journey. From career advising meetings to application preparation for professional health school, the Explore Center advisors will be there to help along the way.”

- Brandon, ’21

UNL graduates more healthcare professionals than any other school in Nebraska
UNL students are accepted to professional health schools at higher rates than the national average

The Nebraska Difference

GET PAID TO DO RESEARCH AS AN UNDERGRAD

Encourage and inspire freshman students by being a Pre-Health Peer Mentor

HUMANITIES IN MEDICINE MINOR

Live and learn with Pre-Health peers in a learning community

MEET ONE TO ONE WITH PUBLIC HEALTH PROFESSIONAL SCHOOL VISITORS

Share your Pre-Health story by becoming an Explore Center Ambassador

INTRO TO HEALTH PROFESSIONS COURSE

Become an undergraduate teaching assistant or tutor for important Pre-Health science courses
### SUGGESTED COURSES

#### ENVIRONMENTAL AND OCCUPATIONAL HEALTH:
**Required coursework**

<table>
<thead>
<tr>
<th>Course</th>
<th>MIN. #</th>
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<tbody>
<tr>
<td>Biological Sciences with Lab</td>
<td>2</td>
</tr>
<tr>
<td>General Chemistry with Lab</td>
<td>2</td>
</tr>
<tr>
<td>Physics</td>
<td>1</td>
</tr>
<tr>
<td>Math</td>
<td>1</td>
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</tbody>
</table>

#### BIOSTATISTICS:
**Required coursework**

<table>
<thead>
<tr>
<th>Course</th>
<th>MIN. #</th>
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</thead>
<tbody>
<tr>
<td>Statistics</td>
<td>1</td>
</tr>
<tr>
<td>Differential Equations</td>
<td>1</td>
</tr>
<tr>
<td>Calculus</td>
<td>2</td>
</tr>
</tbody>
</table>

#### EPIDEMIOLOGY:
**Required coursework**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Statistics, Calculus, or Algebra</td>
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</tbody>
</table>

#### PUBLIC HEALTH ADMINISTRATION & POLICY:
**Recommended coursework**

No specific prerequisites, but a strong background in biological sciences, chemistry, math, and writing is a plus.

#### HEALTH PROMOTION:
**Recommended coursework**

No specific prerequisites, but a strong background in biological sciences, chemistry, math, and writing is a plus.

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### Recommended Course Work

<table>
<thead>
<tr>
<th>Course</th>
<th>MIN. #</th>
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<tbody>
<tr>
<td>Anthropology</td>
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<tr>
<td>Biological and Life Sciences</td>
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<tr>
<td>Communication Studies</td>
<td>1</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
</tr>
<tr>
<td>Gerontology</td>
<td>1</td>
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<tr>
<td>History and Science/Medicine</td>
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<tr>
<td>Leadership</td>
<td>1</td>
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<tr>
<td>Medical Ethics</td>
<td>1</td>
</tr>
<tr>
<td>Nutrition</td>
<td>1</td>
</tr>
<tr>
<td>Psychology</td>
<td>1</td>
</tr>
<tr>
<td>Sociology</td>
<td>1</td>
</tr>
</tbody>
</table>

### Professional School Requirements:

- **Undergraduate Credit:**
  - Bachelor's degree

- **Entrance Exam:**
  - GRE or MCAT are commonly accepted; some programs may accept GMAT, LSAT, or PCAT

- **Graduate Schooling:**
  - 1-6 years: 1-2 years for a certificate, 2 years for a Master’s, and 5-6 years for a Doctorate

- **Local Professional Schools:**
  - University of Nebraska Medical Center (UNMC) - Omaha

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*These requirements are based on the five Public Health concentrations at University of Nebraska Medical Center (UNMC). You are encouraged to work with an advisor to determine concentrations and requirements at other institutions.*