

# PRE-HEALTH PROGRAM



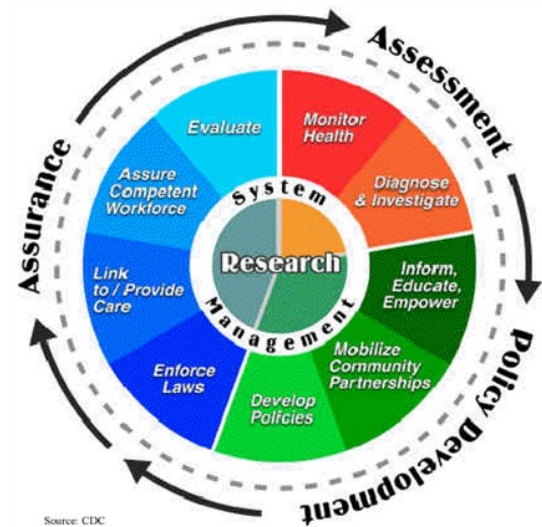
COLLEGE OF  
SCIENCE AND  
MATHEMATICS

## Public Health

Public Health careers bring attention to health concerns through education, promotion of healthy lifestyles, and research. Public health professionals try to prevent problems from happening or re-occurring by implementing educational programs, developing policies, administering services, regulating health systems and some health professions, and conducting research. Wright State's College of Science and Mathematics Pre-Health Program offers a minor in Public Health for those students interested in pursuing a career in this path or would like to pair with their degree.

### Why Choose Public Health?

- Most experts agree that major advances in improvement of health over the next decades will come from broader development and application of population-based prevention programs.
- Greater emphasis is being placed on health promotion and disease prevention as a means to reduce the costs of care
- More focus is on assuring the safety of communities and worker health and safety. As a result, there is growing demand for experts in environmental health and industrial hygiene.



Source: CDC

### Examples of Public Health Jobs

- Environmental Health Specialist
- Public Health Teacher (K-12)
- Public Health Professor
- Pharmacist
- Nutritionist
- Food Safety Inspector
- Dental Hygienist
- Doctor
- Nurse
- Lawyer
- Social Worker
- Psychologist
- Biologist
- Epidemiologist
- Public Health Policy Advisor
- Mathematician
- Journalist
- Laboratory Technician
- Paramedic
- Dentist
- Health Program Manager

## Starting Salary Ranges

Starting salaries vary depending on which area you decide to pursue.

Health Services Administration  
\$37,000-\$161,000

Biostatistics  
\$33,000-\$63,000

Epidemiology  
\$38,000-\$136,000

Health Education/  
Behavioral Science  
\$33,000-\$86,000

Environmental Health  
\$44,000-\$143,000

International Health  
\$31,000-\$86,000

Nutrition  
\$31,000-\$70,000

Public Health Practice/  
Management  
\$41,000-\$102,000

Biomedical Laboratory  
\$31,000-\$78,000

## What Major Should I Choose?

Most Public Health professionals need at least a Master's degree for career advancement, however for undergraduates, there is no one right major for students. Public Health degrees can be combined with any number of fields of study. Choosing the right major for you depends on what area of Public Health you might be interested in. The minor in public health provides students with a general idea of study and outlook on the career.

## Schools and Requirements

There are more than 53 Universities in the United States with accredited Public Health Programs

*SOPHAS* is the centralized application service for Public Health

Specific requirements vary depending on school but most schools look for:

- High graduate entrance exam scores & GPA
- Career achievement
- Experience
- Effective verbal & written communication

## Finding a Public Health Career that Fits You

Below are some possible career matches based on personality:

**Realistic:** People who have athletic or mechanical ability, prefer to work with objects, machines, tools, plants or animals, or to be outdoors. (e.g. Public Health Vet)

**Investigative:** People who like to observe, learn, investigate, analyze, evaluate or solve problems. (e.g. Epidemiologist, Health Services Researcher)

**Artistic:** People who have artistic, innovating or intuitional abilities and like to work in unstructured situations using their imagination and creativity.  
(e.g. Health Educator)

**Social:** People who like to work with people to enlighten, inform, health, train, or cure them, or are skilled with words. (e.g. Health Promotion Specialist)

**Enterprising:** People who like to work with people, influencing, persuading, performing, leading or managing for organizational goals or economic gain.  
(e.g. Public Health Policy Maker)

**Conventional:** People who like to work with data, have clerical or numerical ability, carry out tasks in detail or follow through on others' instructions. (e.g. Biostatistician)



Office: 106 Oelman Hall  
(937) 775-3180

For additional information please  
visit our website:

[www.wright.edu/pre-health](http://www.wright.edu/pre-health)

Advisor

Harolynn Williams

[harolynn.williams@wright.edu](mailto:harolynn.williams@wright.edu)