Public Health 101
High School/College Credit

Division of Public Health
College of Human Medicine
Public health is an exciting and dynamic field that considers health and disease from the perspective of populations rather than individuals. Unlike medicine and clinical services, which focus on the curative aspects of individual health, public health focuses on health promotion, disease prevention, and the overall health of the community.

Now more than ever before, we are faced with public health problems of international proportions, from climate change, pandemic influenza and other infectious diseases, to bioterrorism. Today, public health is not just for public health professionals—we all have the need to be educated citizens—to understand public health and the role it plays in our everyday lives.

As the world’s population grows larger and people are living longer, public health professionals are needed to maintain, improve, and safeguard the health and well being of everyone on the plant. A few of the many threats to the public’s well being include:

- Hazardous Chemicals
- Unsafe Drinking Water
- Global Climate Change
- Counterfeit Pharmaceuticals
- HIV/AIDS
- Foodborne Illnesses
- Influenza
- Substance Abuse
- Tuberculosis

What is Public Health 101 About?

Public Health 101 offers students an opportunity to gain an understanding of the depth and breadth of public health including how the Core Competencies of Public Health Professionals influence the lives of people from within our own neighborhoods, to all around the world.

This is a survey course that provides an overview of public health with an emphasis on the population perspective and the crosscutting, integrative nature of public health.

Current public health events and detailed case studies are used to illustrate the real world nature of the material and its pervasiveness in our lives.

This course encourages critical thinking, involves group discussions and team projects, and promotes written communication abilities.

Students are exposed to possible career options in public health and the allied health professions/sciences.
Public Health Professionals

In medicine, physicians treat health problems after they have arisen. Public health professionals work to prevent health problems. Most health experts agree that future advances in health will come from prevention rather than through cures.

<table>
<thead>
<tr>
<th>Public Health</th>
<th>Medicine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focus on Population</td>
<td>Focus on Individual</td>
</tr>
<tr>
<td>Focus on Health</td>
<td>Focus on Disease</td>
</tr>
<tr>
<td>Focus on Prevention &amp; Health Promotion</td>
<td>Focus on Diagnosis &amp; Treatment of Disease</td>
</tr>
</tbody>
</table>

How What You Like to Study Connects with Public Health

Like math?
Try biostatistics & epidemiology.

Have a head for business?
Maybe a career in public health administration.

Find psychology fascinating?
Perhaps substance abuse prevention is for you.

Like to educate others?
Health education could be your career.

Into the environment?
Take a look at environmental health.

Considering law school?
Public health policy often requires a good legal background.

Are you a writer or graphic designer?
Public health communications is a great career.

CONTACT US TODAY!
(810) 600-5601
www.mph.chm.msu.edu
mph_generalinformation@hc.msu.edu
Application Process

High school students interested in enrolling in HM 101 Public Health 101 should visit the MSU Gifted and Talented Education website at http://gifted.msu.edu/programs/dual-enrollment. Questions about the HM 101 Public Health course can be directed to the Division of Public Health academic office at (810) 600-5601 or via email at mph_generalinformation@hc.msu.edu

The Michigan State University (MSU) College of Human Medicine Division of Public Health offers an online Public Health 101 for students who are interested in an introduction to the field of public health. This course covers:

- Historical perspective on the contributions and roles of public health
- Introduction to epidemiology and biostatistics
- Determinants of health and access to health services from a global perspective
- Introduction to disease control and health promotion, including health communications
- Problems related to healthcare delivery systems, addressed from a population perspective, including quality, cost, and access.