

# Public Health: Discovering the Big Picture in Health Care

## Course Overview and Syllabus

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**Grade level:** 9–12

**Prerequisite Courses:** None

**Credits:** 0.5

### Course Description

Public Health: Discovering the Big Picture in Health Care is a semester-long high school course that discusses the multiple definitions of public health and the ways these definitions are put into practice. The five core disciplines and ways they interact to reduce disease, injury and death in populations is explored. By understanding the roles of public health, students gain a greater appreciation for its importance and the various occupations one could pursue within the field of public health. Students explore the history, nature and context of the public health system. Students also learn how to promote public health, and how to coordinate a response to a public health emergency. Students explore how diseases spread and learn about the roles of the Centers for Disease Control and the World Health Organization. By entering the field of public health, students play an integral part in improving the health and lives of many people.

### Course Objectives

Throughout the course, you will meet the following goals:

- Discover the history, nature, and context of the public health system
- Examine how to promote public health and how to respond to a public health emergency
- Assess how disease spreads and how to manage outbreaks
- Learn about the role of the CDC, the importance of a clean environment, and the health impacts of population growth
- Explore the World Health Organization's role in global health now and in the future
- Investigate careers in public health, and evaluate how to choose the right one

## Student Expectations

This course requires the same level of commitment from you as a traditional classroom course. Throughout the course, you are expected to spend approximately 5–7 hours per week online on:

- Interactive lessons that include a mixture of videos, readings, and tasks
- Assignments in which you apply and extend learning in each lesson
- Assessments, including quizzes, tests, and cumulative exams

## Communication

Your teacher will communicate with you regularly through discussions, email, chat, and system announcements. You will also communicate with classmates, either via online tools or face to face, as you collaborate on projects, ask and answer questions in your peer group, and develop your speaking and listening skills.

## Grading Policy

You will be graded on the work you do online and the work you submit electronically to your teacher. The weighting for each category of graded activity is listed below.

Grading Category	Weight
Lesson Quizzes	20%
Unit Tests	20%
Cumulative Exams	20%
Assignments	10%
Projects	30%
Additional	0%

## Scope and Sequence

When you log into Edgenuity, you can view the entire course map—an interactive scope and sequence of all topics you will study. The units of study are summarized below:

**Unit 1:** This Is Public Health

**Unit 2:** Health Education and Behavioral Science

**Unit 3:** Epidemiology, Bio Statistics and Outbreak Investigation

**Unit 4:** The CDC, Environmental and Occupational Health

**Unit 5:** Global Health, the World Health Organization (WHO) and Future Public Health Challenges