

**The College of William and Mary**  
**KINE 280: Public Health**  
**Kinesiology and Health Sciences**  
**Course Syllabus**  
**Fall 2022**

**General Information**

Instructor: Deborah Hudson, MPH

Office Hours: By appointment Tuesday and Thursday evenings

E-mail: [dhudson@wm.edu](mailto:dhudson@wm.edu)

Telephone: 757-728-6209 / 707-5576 cell

Class meetings: Tuesday and Thursday 6:30 – 7:50pm

Location: ISC 1127

**Course Description**

The objective of this course is to provide students with an understanding of the concepts and the importance of public health as a science and its goal of maximum health for all. Students will gain a thorough understanding of public health promotion and disease prevention strategies especially relating to underserved, at-risk populations. This course is appropriate for students considering careers in the health professions and public health. It is a required course for the public health minor and for the concentration in public health in Kinesiology and Health Sciences.

**Course Objectives**

By the end of the course, the students will understand these concepts:

- The five core domains of public health (biostatistics, environmental health, epidemiology, health policy and management, and social and behavioral sciences)
- How to develop a logic model as well as concept mapping
- The history and philosophy of public health as well as its core values, concepts and functions across the globe and in society
- The concepts of population health, and the basic processes, approaches and interventions that identify and address the major health-related needs and concerns of populations
- The fundamental concepts and features of project implementation, including planning, assessment and evaluation
- Public health information synthesis
- Public health information communication to diverse audiences

**Required Text**

Schneider, Mary-Jane. Introduction to Public Health, 6<sup>th</sup> ed. Jones and Bartlett Publishers, Inc.  
(Required) Earlier versions accepted.

**Additional Reading**

Pertinent articles from the public health literature will be posted on Blackboard.

**Blackboard**

Announcements, additional references, assignments, PowerPoints, and supplementary materials will be available on Blackboard. Check the Blackboard site regularly to keep abreast of latest course information. Student grades will be posted on the grade center in Blackboard.

**Midterm and Final Exam**

The test format will be a combination of true/false, multiple-choice and short answer questions. Exams will be administered via BlackBoard and/or in-person.

**Grading**

Course grades will be determined as follows:

Assignments	20%
(Midterm)	35%
(Final exam)	35%
Special Assignment	10%

A	94 - 100
A-	90 - 93
B+	87 - 89
B	84 - 86
B-	80 - 83
C+	77 - 79
C	74 - 76
C-	70 - 73
D	67 - 69
F	66 and below

**COVID-19**

Students must follow mandates implemented per the College of William and Mary with regard to masking, testing, reporting, etc. Please notify me immediately if you need assistance.

**Public Health, KINE 280****Fall 2022**

Date	<b>Introduction to Public Health, Mary-Jane Schneider</b>	<b>Reading</b>	<b>Assignment</b>
9/1	Course Overview What is Public Health? An Introduction	Chapters 1 – 3	
9/6	Why Is Public Health So Controversial?	Chapters 1 – 3	
9/8	The Roles and Responsibilities of Government	Chapters 1 – 3	
9/13	COVID-19		<b>Assignment 1 - POSTED</b>
9/15	Public Health Surveillance	Chapter 7 – 8	
9/20	Monkey pox and other infectious diseases	Posted reading	<b>Assignment 1 - DUE</b>
9/22	Biomedical Basis of Public Health: Conquest and Resurgence of Infectious Diseases and Herd Immunity	Chapters 9 – 10	
9/27	No formal class meeting		<b>Assignment 2 - Posted</b>
9/29	Injuries – Special topic on Gun Violence	Chapter 17/ Posted Reading	
10/4	Genetic Diseases and Other Inborn Errors Genetic Testing and Patenting	Chapter 12 / Posted Reading	<b>Assignment 2 - DUE</b>
10/6	Healthcare in marginalized populations; Health Disparities, Health Equity	Posted Reading	
10/11	Special Topic in PH	Posted Reading	
10/13	<b>FALL BREAK</b>		
10/18	Mid-term Exam Review	Posted Review	
10/20	Mid-term Exam	Blackboard or in- person	
10/25	<b>Mid-term Exam Make-up</b>	Blackboard or in- person	
10/27	Chronic Diseases – CVD, DM, Alzheimer’s, Obesity	Chapter 11/ Posted Reading	

11/1	Environmental Justice	Posted Reading	<b>Special Assignment</b>
11/3	Special Topic in PH	Posted Reading	
11/8	Election Day	No class (offices closed)	Special Assignment Due
11/10	Implications on healthcare and public health from the Roe v. Wade reversal	Posted Reading/Chapter 15	
11/15	Special Topic in PH	Posted Reading	
11/17	Mental Health – What are we facing now?	Posted Reading	
11/22	Social Determinants of Health (Remote class)	Posted Reading	<b>Assignment 3- POSTED</b>
11/24	<b>THANKSGIVING BREAK</b>		
11/29	Public health in the twenty-first century: achievements and challenges	Chapter 31	
12/1	COVID-19– What does the future hold?	Posted Reading	<b>Assignment 3 DUE</b>
12/6	<b>Final Exam Review</b>		
12/8	<b>Study Day</b>		
TBD	<b>Final Exam – Follow WM final exam schedule</b>		

\*Schedule subject to change