RUTGERS
School of Public Health

Course Title:	*Public Health Foundations for MS-HOPE*
Course Number:	*PHCO 0514 (1 credit)*
Course Prerequisite(s):	*None*
Course Location:	*Online*
Course Date & Time:	*Online*
Course Instructor:	*Lindsey Toler, MPH, DrPH Candidate* *Department of Health, Behavior, Society, & Policy* *Rutgers School of Public Health* *lot5@sph.rutgers.edu* *(When emailing, please include the course number [PHCO 0512] in the subject line.)*
Office Hours:	*By Appointment Only*
Course Assistant:	*None*
Course Website:	*canvas.rutgers.edu*
Required Course Text:	Schneider M. *Introduction to Public Health, Fifth Edition*. Burlington, MA: Jones & Bartlett Learning; 2017.

Additional/Supplemental Readings/Resources: *See Course Schedule*

Course Description: This course will introduce MS-HOPE students to the general principles, theories, and practices of public health. Students will be introduced to history and functions of public health, strategies and methods used in public health research and the determinants of health.

Competencies Addressed: The competencies addressed in this course include:

- Explain public health history, philosophy and values;
- Identify the core functions of public health and the 10 Essential Services;
- List major causes and trends of morbidity and mortality in the US;
- Discuss the science of primary, secondary and tertiary prevention in population health, including health promotion, screening, etc.;
- Explain effects of environmental factors on a population's health;
- Explain biological and genetic factors that affect a population's health;
- Explain behavioral and psychological factors that affect a population's health;
- Explain how globalization affects global burdens of disease; and
- Explain an ecological perspective on the connections among human health, animal health and ecosystem health (eg, One Health).

Course Requirements and Grading:

	DUE	GRADE VALUE
<u>Weekly Discussion Post and Response</u>. Our greatest class resource is you! Your thoughts, ideas, questions and comments will enrich everyone's learning experience, so please be **actively involved** in the online discussion forum! Be prepared by reading the course text and articles and participate in the discussion forum.	Each Week	28 points
<u>Online Weekly Quiz</u>. Students will complete an online quiz based on that week's readings each week.	Each Week	31 points
<u>Assignment: Public Health Elevator Pitch</u>. Each student will upload a short video recording describing public health in his/her own words. The video recording should be no longer than 30 seconds.	Due Sept. 23	11 points
<u>Assignment: Op-Ed.</u> Each student will prepare one Op-Ed (on environmental –or- genetic and biological factors) explaining why your chosen area deserves additional funding for research.	Due Oct. 14	15 points
<u>Assignment: Letter to Congressional Representative.</u> Each student will prepare a letter to his/her congressional representative on a behavioral or psychological factors explaining why your chosen area can improve health.	Due Oct. 28	15 points
	TOTAL	100 points

- *Grading Policy*:*
    94 – 100   A
    90 – <94   A-
    87 – <90   B+
    84 – <87   B
    80 – <84   B-
    77 – <80   C+
    70 – <77   C
    *   <70   F*

    *Grades will not be rounded.

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Course Schedule:

WEEK	TOPIC AND REQUIRED READINGS	LINK TO COMPETENCIES	ASSIGNMENTS/ASSESSMENTS
Week 1 (9/10 - 9/16)	**Overview of Course and Public Health History, Philosophy, and Values -and-** **Core Functions of Public Health and the 10 Essential Services** • Schneider, Chapter 1: Public Health: Science, Politics, and Prevention, pp. 3-14 (Review) • Schneider, Chapter 3: Powers and Responsibilities of Government, pp. 25-38 • Institute of Medicine. The Future of Public Health. Washington, D.C.: The National Academies Press; 1988. Chapter 2: A Vision of Public Health in America, pp. 35-55 • The 10 Essential Public Health Services.	• Explain public health history, philosophy and values • Identify the core functions of public health and the 10 Essential Services	Discussion post and replies Online weekly quiz
Week 2 (9/17 - 9/23)	**Major Causes and Trends of Morbidity and Mortality in the US -and-** **Science of Primary, Secondary, and Tertiary Prevention in Population Health** • Schneider, Chapter 13: Do People Choose Their Own Health?, pp 193-204. • Mokdad AH, Marks JS, Stroup DF, Gerberding JL. Actual causes of death in the United States, 2000. JAMA. 2004;291(10):1238-1245. • CDC Fact Sheet: Picture of America: Prevention	• List major causes and trends of morbidity and mortality in the US or other community relevant to the school or program • Discuss the science of primary, secondary and tertiary prevention in population health, including health promotion, screening.	Discussion post and replies Online weekly quiz **DUE:** Public Health Elevator Pitch

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WEEK	TOPIC AND REQUIRED READINGS	LINK TO COMPETENCIES	ASSIGNMENTS/ASSESSMENTS
Week 3 (9/24 - 9/30)	**Environmental Factors that Affect a Population's Health** • Schneider, Chapter 20: A Clean Environment: the Basis of Public Health, pp. 315-331. • Schneider, Chapter 21: Clean Air: Is It Safe to Breathe?, pp333-347. • Schneider, Chapter 22: Clean Water: A Limited Resource, pp. 349-368. • Schneider, Chapter 23: Solid and Hazardous Wastes: What to Do with the Garbage, pp. 369-379.	• Explain effects of environmental factors on a population's health	Discussion post and replies Online weekly quiz
Week 4 (10/1 - 10/7)	**Biological and Genetic Factors that Affect a Population's Health** • Schneider, Chapter 9: The "Conquest" of Infectious Diseases, pp.117-133. • Schneider, Chapter 10: The Resurgence of Infectious Diseases, pp. 135-162. • Schneider, Chapter 11: The Biomedical Basis of Chronic Diseases, pp. 163-174. • Schneider, Chapter 12: Genetic Diseases and Other inborn Errors, pp. 175-190.	• Explain biological and genetic factors that affect a population's health	Discussion post and replies Online weekly quiz
Week 5 (10/8 - 10/14)	**Behavioral and Psychological Factors that Affect a Population's Health** • Schneider, Chapter 14: How Psychosocial Factors Affect Health Behavior, pp. 205-218. • Schneider, Chapter 15: Public Health Enemy Number Once: Tobacco, pp. 219-236 (Review) • Chapter 16: Public Health Enemy Number Two and Growing: Poor Diet and Physical Inactivity, pp. 237-258. • Chapter 19: Mental Health: Public Health Includes Healthy Minds, pp. 301-312.	• Explain behavioral and psychological factors that affect a population's health	Discussion post and replies Online weekly quiz **DUE: Op-Ed**

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WEEK	TOPIC AND REQUIRED READINGS	LINK TO COMPETENCIES	ASSIGNMENTS/ASSESSMENTS
Week 6 (10/15 - 10/21)	**How Globalization Affects Global Burdens of Disease** • Schneider, Chapter 25: Population: The Ultimate Environmental Health Issue, pp. 399-41. • Dollar D. Is globalization good for your health? Bull World Health Organ. 2001;79(9):827-833.	• Explain how globalization affects global burdens of disease	Discussion post and replies Online weekly quiz
Week 7 (10/22 – 10/28)	**Ecological Perspective on the Connections Among Human Health, Animal Health, and Ecosystem Health (e.g., One Health)** • CDC's One Health Fact Sheet (4 pages) • CDC's Blog Post 'One Health' – A Comprehensive Approach to Preventing Diseases, Saving Lives • USDA's One Health website • USFDA's One Health: It's for All of Us	• Explain an ecological perspective on the connections among human health, animal health and ecosystem health (e.g., One Health)	Discussion post and replies Online weekly quiz **DUE: Letter to Congressional Representative**

Learning Management System: Canvas will be used extensively throughout the semester for course syllabus, assignments, announcements, communication and/or other course-related activities. It is the student's responsibility to familiarize themselves with Canvas and check it regularly. If you have difficulties accessing Canvas, please inform the instructor and Canvas Support (help@canvas.rutgers.edu). Canvas is accessible at canvas.rutgers.edu.

School of Public Health Honor Code: The School of Public Health Honor Code is found in the School Catalog (sph.rutgers.edu/academics/catalog.html). Each student bears a fundamental responsibility for maintaining academic integrity and intellectual honesty in his or her graduate work. For example, all students are expected to observe the generally accepted principles of scholarly work, to submit their own rather than another's work, to refrain from falsifying data, and to refrain from receiving and/or giving aid on examinations or other assigned work requiring independent effort. In submitting written material, the writer takes full responsibility for the work as a whole and implies that, except as properly noted by use of quotation marks, footnotes, etc., both the ideas and the works used are his or her own. In addition to maintaining personal academic integrity, each student is expected to contribute to the academic integrity of the School community by not facilitating inappropriate use of her/his own work by others and by reporting acts of academic dishonesty by others to an appropriate school authority. It should be clearly understood that plagiarism, cheating, or other forms of academic dishonesty will not be tolerated and can lead to sanctions up to and including separation from the Rutgers School of Public Health.

Students with Disabilities: Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student must Apply for Services by first completing a Registration Form with the Rutgers Office of Disability Services (ODS) at ods.rutgers.edu. The student will also be required to participate in an ODS intake interview and provide documentation. If reasonable accommodations are granted, ODS will provide you with a Letter of Accommodations which should be shared with your instructors as early in your courses as possible.

Graduate Student Computer Policy: Students are required to possess a personal laptop, no older than approximately two years, that must meet minimum requirements which may be found online at: sph.rutgers.edu/student-life/computer-support.html.

Policy Concerning Use of Recording Devices and Other Electronic Communications Systems: When personally owned communication/recording devices are used by students to record lectures and/or classroom lessons, such use must be authorized by the faculty member or instructor who must give either oral or written permission prior to the start of the semester and identify restrictions, if any, on the use of mobile communications or recording devices.

Policy Concerning Use of Turnitin: Students agree that by taking this course all required papers may be subject to submission for textual similarity review to Turnitin.com (directly or via learning management system, i.e. Canvas) for the detection of plagiarism. All submitted papers will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site. Students who do not agree should contact the course instructor immediately.

Withdrawal/Refund Schedule: Students who stop attending their course(s) without submitting a completed Add/Drop Course form will receive a failing grade. Furthermore, students dropping to zero credits for the semester are considered withdrawn and must submit a completed Leave of Absence form from the School of Public Health's Office of Student Affairs. The School of Public Health refunds tuition only. Administrative and technology fees are non-refundable. You may find the Withdrawal/Refund Schedule on the School of Public Health website at: sph.rutgers.edu/academics/school-calendar.html