

University of Florida
College of Public Health & Health Professions Syllabus
PHC 4101: Public Health Concepts (3 credits)
Fall: 2018

Delivery Format: Online
Course: elearning.ufl.edu

Instructor Name: Jerne Shapiro, MPH
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College of Public Health & Health Professions
College of Medicine
Email Address: shapiroj@ufl.edu
Office Hours: By appointment only

Teaching Assistants: Please see the course website
Email: UF account or through course website
Office Location: See course announcement
Office Hours: See course announcement

Preferred Course Communications: Preferred Course Communications: You have email on the course site under the "Inbox" tool. This is the preferred method of communication, and this is how I will contact you if necessary. You can adjust the settings to have all course mail forwarded to your regular UF email account so that you don't miss anything or forget to check. If you have questions please contact me using this email option. If you are having problems and cannot use the course Inbox option, you may email me directly.

Prerequisites

Junior class status and one statistics course, or permission of the instructor

PURPOSE AND OUTCOME

Course Overview

This is a 3-credit course that will be conducted online. This is an upper level course intended to introduce undergraduate students in a variety of disciplines to the basic tenets and applications of public health, including integrating public health with other health professions. This course explores the Nation's health challenges, the scientific basis of the public's health in the United States, and current strategies for advancing the public's health.

The student will gain knowledge through lectures, readings, reflective journals, and individual assignments.

Relation to Bachelor Program Outcomes

1. Articulate the goal of public health and its integration with other fields
2. Discuss the social determinants of health and how they are related to health disparities
3. Understand the basic epidemiological concepts
4. Articulate the impact of environmental exposures on public health

5. Recognize the distinction between infectious and chronic diseases and public health's approach to both
6. Identify the different issues related to mental health in the US and globally
7. Understand the Ten Great Public Health Achievements in the United States
8. Recognize the existing health disparities in the United States

Course Objectives and Goals

1. List and describe the core functions of public health
2. Describe three levels of prevention
3. Recognize health problems and health hazards in the community using an ecological framework
4. Identify existing health disparities in the community
5. Identify appropriate methods for assessing the determinants of health
 - a. List and describe basic measures used in population science (rate, prevalence, incidence, etc.) and quantitative study designs (ecological, cross-sectional, cohort, case control, randomized trial)
 - b. Describe the use of big data in public health research
6. Recognize the role of the social and behavioral sciences in public health
7. Understand the impact of the environment on public health
8. Describe the current concerns in the US Health Care system and the role Health Policy plays
9. Understand global health and how is it connected to public health issues in the United States
10. Recognize the importance of Maternal and Child health and understand the larger consequences that result from this topic
11. Understand Public Health's role in Emergency Preparedness

Instructional Methods

- 1) Lectures: are for general orientation. Students are responsible for all the material presented in the course and assigned readings.
- 2) Readings and Resources. In addition to the required text, supplementary readings and resources will be posted in the course. The reading and resource list may be supplemented during the course.
- 3) Assessments: A variety of assessments will be used in this course, including but not limited to discussions, assignments, and quizzes.

What is expected of you?

You are expected to actively engage in the course throughout the semester. Your participation fosters a rich course experience for you and your peers that facilitates overall mastery of the course objectives.

For everyone credit hour in which you enroll in an undergraduate course, you will spend approximately two to three hours outside of class studying. Therefore, you should expect to spend three hours "in class" per week and six to nine hours of studying per week.

Course Materials and Technology

Required Text:

Introduction to Public Health, 5th edition, 2017

Mary-Jane Schneider.

Jones & Bartlett Publishers

ISBN: 9781284089233

Additional readings may be provided in the Weekly Modules as identified by the Instructor

For technical support for this class, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

DESCRIPTION OF COURSE CONTENT

Dates	Module Number and Theme	Activities, Assignments, and Assessments	Readings and Resources
Aug 22- Sept 5	1. Intro to Course, History of PH and PH Structure	<p>Lessons: 1) History of PH 2) PH Structure in the US 3) PH Data</p> <p>Assignments: Reflective Journal #1 10 Greatest PH Achievements</p> <p>Quiz: 1, Sept 5th from 8:01am- Sept 6th at 8:00am</p>	Readings: Schneider Ch 1, 8
Sept 6- Sept 24	2. Epidemiology	<p>Lessons: 4) Epidemiology and Measurements 5) Study Design 6) Causal Inference</p> <p>Quiz: 2, Sept 24th from 8:01am- Sept 25th at 8:00am</p>	Readings: Schneider Ch 4, 5, 6
Sept 25- Oct 15	3. Social and Behavioral Health	<p>Lessons: 7) Social and Behavioral Sciences 8) Qualitative Research Methods 9) Health Disparities</p> <p>Assignment: Twitter Project- Part 1 and 2 Reflective Journal #2</p> <p>Quiz: 3, Oct 15th from 8:01am- Oct 16th at 8:00am</p>	Readings: Schneider Ch 13, 14
Oct 16- Oct 30	4. Environmental Health	<p>Lessons: 10) Environmental Health Basics 11) Infectious Diseases and 12) Global Environmental Health</p> <p>Assignment: Outbreak exercise</p> <p>Quiz: 4, Oct 30th from 8:01am-Oct 31st at 8:00am</p>	Readings: Schneider Ch. 20, pg 388-395, and 25

Oct 31- Nov 19	5. Health Policy and Management	<p>Lessons: 13) US Health Care 14) Health Policy and Health Research Services and 15) Public Health Law</p> <p>Assignment: Cosmetic Assessment Project</p> <p>Quiz: 5, Nov 19 from 8:01am-Nov 20th at 8:00am</p>	<p>Readings: Schneider Ch. 26, 27, 28</p>
Nov 20- Dec 5	6. Global Health, One Health, and Public Health Preparedness	<p>Lessons: 16) A Brief History of Global Health 17) Maternal and Child Health and 18) Global Health Case Study 19) Public Health Preparedness</p> <p>Assignment: Reflective Journal 3- Watch: "Don't Panic – The Facts About Population" by Wingspan Productions http://www.gapminder.org/videos/dont-panic-the-facts-about-population/</p> <p>Quiz: 6, Dec 5th from 8:01am-Dec 6th at 8:00am</p>	<p>Readings: Schneider Ch. 18, 30. Article: Towards a Common Definition of Global Health</p>

Technology

Required Equipment: Computer with high-speed internet access and use of a supported browser. Please refer to the student computing requirements listed at <http://studentlife.online.mph.ufl.edu/e-learning/e-learning-in-canvas-technical-requirements/> for additional information. This course is delivered entirely online using the University of Florida's e-Learning in Canvas Course Management System at <http://elearning.ufl.edu/>. To access this course, you will use your Gatorlink ID and password to login to the course (via Canvas).

When to Post to the Support Discussions: <http://studentlife.online.mph.ufl.edu/when-to/when-to-post-to-a-support-discussions/>

When to Contact the UF Computing Help Desk: <http://studentlife.online.mph.ufl.edu/when-to/when-to-contact-the-uf-computing-helpdesk/>

For technical support for this class related specifically to Canvas, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

When to Send an E-Mail to the Instructor vs my Teaching Assistant (TA):

Contacting your TA: Each class section has an assigned TA. The TA is responsible for grading assignments, answers course material question, answers assignment questions and will provide

clarification to the students when needed. They hold office hours each week for you to meet in person or they can be reached via email on the class website.

Contact the course Instructor, Jerne Shapiro, when you have: a scheduling conflict, suspect a grading error, family emergency, technical issue or are behind in the course.

<http://studentlife.online.mph.ufl.edu/when-to/when-to-send-e-mail-to-the-instructor/>

Please keep the following things in mind when emailing me or your TA.

1. **Be Formal-** Use a proper salutation when emailing and finishing with a “Thank you” is always appreciated. This is true for other professors and/or employers.
2. Use a **subject line**, please don’t leave it blank.
3. **Specify** who you are by first and last name, and specify which class you are taking before diving into the specifics. I often teach multiple classes per semester and usually have hundreds of students to serve. State your name, the class you are taking and the course section (I might teach three sections of your course and will need to know which one you attend).
4. **Be thorough-** Any time you send a message, you should have two things in mind: goal and audience. Your audience here is me, your professor. Your goal could be any number of things, from clarifying the reading assignment to asking for an extension. Whatever your goal may be, you’ll want to anticipate any questions I may have and incorporate the information into your message.
5. **Be kind-** Professors are people, too. We have friends, families, hobbies and favorite foods. So, when you email a professor, remember that you are not writing to an entity, a building or a computer — you are communicating with a real person. Be kind, be thankful and don’t come across as demanding.
6. **Allow time-** If you need advice or clarification on an assignment, avoid emailing the night before it is due. You might not get a timely reply.
7. **Proofread-** The final step, proofreading ensures that you come across as professional and caring. An email full of errors and faulty sentence structure may distract from your message.

ACADEMIC REQUIREMENTS AND GRADING

Grading

Requirement	Due date	Points or % of final grade (% must sum to 100%)
Class Activities x 4		Total: 40%
Ten Great Public Health Achievements	Aug 31	10%
Twitter Project (part 1 & part 2)	Sept 27 and Oct 11	10%
Outbreak Exercise	Oct 26	10%
Cosmetic Project	Nov 13	10%

Reflective Journal x 3	Aug 28 Oct 5 Nov 30	Total:18% 6% 6% 6%
Quizzes x 6	Quiz: 1- Sept 5 (Wed) 2- Sept 24 (Mon) 3- Oct 15 (Mon) 4- Oct 30 (Tues) 5- Nov 19 (Mon) 6- Dec 6 (Wed)	Total: 42% 7% each

Point system used (i.e., how do course points translate into letter grades).

Points earned	93 - 100	90 - 92	87 - 89	83 - 86	80 - 82	77 - 79	73 - 76	70 - 72	67 - 69	63 - 66	60 - 62	Below 60
Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E

Please be aware that a C- is not an acceptable grade for graduate students. In addition, a grade of C counts toward a graduate degree only if an equal number of credits in courses numbered 5000 or higher have been earned with an A.

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E	WF	I	NG	S-U
Grade Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0	0.0	0.0	0.0	0.0

For greater detail on the meaning of letter grades and university policies related to them, see the Registrar's Grade Policy regulations at:

<http://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Policy Related to Make up Exams or Other Work:

Requirements: Students are responsible for all course material, including reading all required materials prior to each lecture. The course is conducted in eLearning and all assignments, course lectures, discussions, emails, and exams will be delivered in this medium. Students are **required** to print a copy of the syllabus from the syllabus tool in the course. You must take a syllabus quiz and score a 100%. See the "Getting Started" section above. Students should also read your e-mail and announcements in the course several times a week. Please note that announcements and emails sent out from the course site will go to your UFL email address (versus your Google, Yahoo, etc.), please check this mail at <http://webmail.ufl.edu> regularly also. Students should also reference the calendar in the course to keep up with weekly deadlines.

Make Ups: If you are unable to meet a deadline in this course for a reason approved and have given prior notification to the instructor when possible, you will be given adequate time to make up any coursework missed. All other missed or late work will receive a grade of zero. Make-up exams will be provided only in cases of excused absences or conflict during final exams per University policy and **MUST** be discussed with the instructor in advance. Make-up exams will differ from the regularly scheduled exam.

Readings and Discussions: Students should read the assigned readings prior to viewing course lectures and be prepared to discuss the material on course discussion boards.

Please note: Any requests for make-ups due to technical issues **MUST** be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You **MUST** e-mail me within 24 hours of the technical difficulty if you wish to request a make-up.

Exam Policy

This course will be using ProctorFree, a proctoring service for graded exams. ProctorFree ensures exam integrity and enables administration of remote online exams. All exam sessions will be reviewed as part of your final grade. Instances of cheating or inappropriate behavior will be considered violations of the Student Honor Code and will result in disciplinary action. ProctorFree is a user-friendly system, but you must follow these guidelines to register and take your exams:

1. You must first create a profile with ProctorFree, which will be your permanent student record with the service.
2. When it is available (watch out for an announcement on eLearning), follow the link to launch your practice quiz in ProctorFree.
3. Exams will be administered as described in the course schedule. Also, refer to the ProctorFree technology requirements for the web application.
4. Students will need to have a microphone and webcam in place during the test-taking period. An inexpensive webcam and microphone should work fine. Students will **NOT** be allowed to take an exam without a webcam. (Note: a microphone and webcam are program requirements for the online MPH program, see computer requirements on the program website). Exams are closed book, closed notes. Students may use two blank sheets of paper as scrap paper but must use their camera to show both sides of each sheet and to pan around their desk/room with their camera prior to starting the exam.

5. Exams may be taken at a student's home. Students must plan to take their exams in an environment where other people are not in the room during the exam. You are required to pan with your camera to show your desk and exam area and clear it of anything not allowed in the exam.
6. Students will need to have some administrative rights on the computer they are using for the exam to enable the proctoring service to function. Please plan on extra time to complete your exam to accommodate connection time and any technical issues that arise. Please use the ProctorFree portal to test your computer before exams.
7. The College of Public Health & Health Professions will pay your proctoring fees.
8. It is recommended that students not use a wireless Internet connection for exams. Please consider wire connecting your wireless laptop to your modem for a more reliable Internet signal during the exam. Inexpensive modem cables are available in most electronic stores and online.

Policy Related to Required Class Attendance

Attendance Policy: Per the University of Florida, students are responsible for satisfying all academic objectives as defined by the instructor. Acceptable reasons for absence include illness, serious family emergencies, special curricular requirements (e.g., judging trips, field trips, professional conferences), military obligation, severe weather conditions, religious holidays and participation in official University activities such as music performances, athletic competition or debate. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Remember that, when possible (i.e. extracurricular activities, official University activities, and religious holidays), **prior notification** of absence is required if the student plans to be given an extension on assignments. Even though this is an online course, students are expected to log on regularly and participate in the course.

All faculty are bound by the UF policy for excused absences. For information regarding the UF Attendance Policy see the Registrar website for additional details:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

STUDENT EXPECTATIONS, ROLES, AND OPPORTUNITIES FOR INPUT

Expectations Regarding Course Behavior

Communication Guidelines

Preferred Course Communications: You have email on the course site under the "Inbox" tool. This is the preferred method of communication, and this is how I will contact you if necessary. You can adjust the settings to have all course mail forwarded to your regular email account so that you don't miss anything or forget to check. If you have questions please contact me using this email option. If you are having problems and cannot use the course Inbox option, you may email me directly.

Academic Integrity

Students are expected to act in accordance with the University of Florida policy on academic integrity. As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge:

“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”

You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied:

“On my honor, I have neither given nor received unauthorized aid in doing this assignment.”

It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For additional information regarding Academic Integrity, please see Student Conduct and Honor Code or the Graduate Student Website for additional details:

<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>

<http://gradschool.ufl.edu/students/introduction.html>

Please remember cheating, lying, misrepresentation, or plagiarism in any form is unacceptable and inexcusable behavior.

Online Faculty Course Evaluation Process

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

SUPPORT SERVICES

Accommodations for Students with Disabilities

If you require classroom accommodation because of a disability, you must register with the Dean of Students Office <http://www.dso.ufl.edu> within the first week of class. The Dean of Students Office will provide documentation of accommodations to you, which you then give to me as the instructor of the course to receive accommodations. Please make sure you provide this letter to me by the end of the second week of the course. The College is committed to providing reasonable accommodations to assist students in their coursework.



U Matter, We Care

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U

Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Counseling and Student Health

Students sometimes experience stress from academic expectations and/or personal and interpersonal issues that may interfere with their academic performance. If you find yourself facing issues that have the potential to or are already negatively affecting your coursework, you are encouraged to talk with an instructor and/or seek help through University resources available to you.

- The Counseling and Wellness Center 352-392-1575 offers a variety of support services such as psychological assessment and intervention and assistance for math and test anxiety. Visit their web site for more information: <http://www.counseling.ufl.edu>. On line and in person assistance is available.
- You Matter We Care website: <http://www.umatter.ufl.edu/>. If you are feeling overwhelmed or stressed, you can reach out for help through the You Matter We Care website, which is staffed by Dean of Students and Counseling Center personnel.
- The Student Health Care Center at Shands is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at Shands offers a variety of clinical services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 392-0627 or check out the web site at: <https://shcc.ufl.edu/>
- Crisis intervention is always available 24/7 from:
Alachua County Crisis Center (352) 264-6789
<http://www.alachuacounty.us/DEPTS/CSS/CRISISCENTER/Pages/CrisisCenter.aspx>

Do not wait until you reach a crisis to come in and talk with us. We have helped many students through stressful situations impacting their academic performance. You are not alone so do not be afraid to ask for assistance.

Inclusive Learning Environment

Public health and health professions are based on the belief in human dignity and on respect for the individual. As we share our personal beliefs inside or outside of the classroom, it is always with the understanding that we value and respect diversity of background, experience, and opinion, where every individual feels valued. We believe in, and promote, openness and tolerance of differences in ethnicity and culture, and we respect differing personal, spiritual, religious and political values. We further believe that celebrating such diversity enriches the quality of the educational experiences we provide our students and enhances our own personal and professional relationships. We embrace The University of Florida's Non-Discrimination Policy, which reads, "The University shall actively promote equal opportunity policies and practices conforming to laws against discrimination. The University is committed to non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information and veteran status as protected under the Vietnam Era Veterans' Readjustment Assistance Act." If you have questions or concerns about your rights and responsibilities for inclusive learning environment, please see your instructor or refer to the Office of Multicultural & Diversity Affairs website: www.multicultural.ufl.edu

