

University of Florida
College of Public Health & Health Professions Syllabus
PHC4101 Public Health Concepts (3 credit hours)
Fall 2024
Delivery Format: Online

Syllabus

Instructor:

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Office Hours: Mondays 10:30AM – 12.30 PM or by appointment
Available in person (HPNP room 4144), via Zoom, or via phone call

Preferred Course Communications: e-mail

(BSC 2007 or BSC 2005 or BSC 2010) and PSY 2012 and STA 2023 and (health science or communication sciences and disorders or public health majors or health science or public health minors).

Course Overviews

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 health challenges and 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, group work, and individual assignments.

Course Objectives and/or Goals

Upon successful completion of the course, students will be able to:

1. Describe public health history, philosophy and values
2. Examine the important role of the five core concentrations and cross-cutting disciplines of public health (e.g., Epidemiology, Biostatistics, Social & Behavioral Sciences, Health Policy and Management, and Environmental Health, Health Disparities, and One Health)
3. Identify and list the core functions of public health and the 10 Essential Services
4. Identify appropriate methods for assessing the determinants of health
5. Differentiate between quantitative and qualitative methods and sciences in population health
6. Explain the effects of environmental factors, biological and genetic factors, and behavioral and psychological factors, and socioeconomic factors on a population's health
7. Discuss health disparities and identify known health disparities in the US and globally

8. Discuss major causes and trends of morbidity and mortality in the US, specifically marginalized populations
9. Identify and explain the science of primary, secondary and tertiary prevention in population health, including health promotion, screening, etc.
10. Summarize the current concerns in the U.S. health care system and the role health policy plays
11. Give examples of how globalization affects global burdens of disease
12. Recognize the connections among human health, animal health and ecosystem health (e.g., One Health)
13. Explain how mass media can impact our perception of health via the use of social media
14. Establish the critical importance of evidence in advancing public health knowledge

Relation to Foundational Domains

1. Describe the history and philosophy of public health as well as its core values, concepts, and functions across the globe and in society
2. Explain 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
3. Examine socio-economic, behavioral, biological, environmental, and other factors that impact human health and contribute to health disparities
4. Identify the fundamental concepts and features of project implementation, including planning, assessment, and evaluation
5. Review the basic concepts of legal, ethical, economic, and regulatory dimensions of health care and public health policy, and the roles, influences and responsibilities of the different agencies and branches of government
6. Differentiate between the basic concepts of public health-specific communication, including technical and professional writing and the use of mass media and electronic technology

Course outline

Week	Topic	Assignments due*
Week 1	<ul style="list-style-type: none"> - Course Introduction - Public Health History 	<ul style="list-style-type: none"> - Syllabus Quiz due: 8/25 at 11.59 PM - Quiz 1 due: 8/29 at 11.59 PM - Discussion due: 8/29 at 11.59 PM - T5 Topic (Group Assignment) due: 8/29 at 11.59 PM
Week 2	<ul style="list-style-type: none"> - Creative Problem Solving 	<ul style="list-style-type: none"> - Quiz 2 due: 9/5 at 11.59 PM - Discussion due: 9/5 at 11.59 PM - T5 Warm up (Group Assignment) due: 9/5 at 11.59 PM
Week 3	<ul style="list-style-type: none"> - Public Health in the U.S. 	<ul style="list-style-type: none"> - Quiz 3 due: 9/12 at 11.59 PM - Discussion due: 9/12 at 11.59 PM - T5 HPM Reflection due: 9/12 at 11.59 PM - HPM Study Guide due: 9/12 at 11.59 PM
Week 4	<ul style="list-style-type: none"> - U.S. Healthcare 	<ul style="list-style-type: none"> - Quiz 4 due: 9/19 at 11.59 PM - Discussion due: 9/19 at 11.59 PM - HPM Connect, Pro-Tips, and e-opinion due: 9/19 at 11.59 PM - T5 HPM Reflection 2 due: 9/19 at 11.59 PM
Week 5	<ul style="list-style-type: none"> - Social Ecological Model 	<ul style="list-style-type: none"> - Quiz 5 due: 9/26 at 11.59 PM - Discussion due: 9/26 at 11.59 PM - T5 SBS Reflection due: 9/26 at 11.59 PM

		– SBS Study Guide due: 9/26 at 11.59 PM
Week 6	– Program Planning	– Quiz 6 due: 10/3 at 11.59 PM – Course Review due: 10/3 at 11.59 PM – SBS Connect, Pro-Tips, and e-opinion due: 10/3 at 11.59 PM
Week 7	Sectional Exam 1 due: 10/10 at 11.59 PM	
Week 8	– Biostatistics Basics	– Quiz 7 due: 10/17 at 11.59 PM – Discussion due: 10/17 at 11.59 PM – BIO Study Guide due: 10/17 at 11.59 PM
Week 9	– Data in Public Health	– Quiz 8 due: 10/24 at 11.59 PM – Discussion due: 10/24 at 11.59 PM – BIO Connect, Pro-Tips, and e-opinion due: 10/24 at 11.59 PM – T5 BIO Reflection due: 10/24 at 11.59 PM
Week 10	– Epidemiology Basics	– Quiz 9 due: 10/31 at 11.59 PM – Discussion due: 10/31 at 11.59 PM – EPI Study Guide due: 10/24 at 11.59 PM
Week 11	– Types of Study	– Quiz 10 due: 11/7 at 11.59 PM – Discussion due: 11/7 at 11.59 PM – EPI Connect, Pro-Tips, and e-opinion due: 11/7 at 11.59 PM – T5 EPI Reflection due: 11/7 at 11.59 PM
Week 12	– Infectious Disease	– Quiz 11 due: 11/14 at 11.59 PM – Discussion due: 11/14 at 11.59 PM – EHS Study Guide due: 11/14 at 11.59 PM
Week 13	– One Health	– Quiz 12 due: 11/21 at 11.59 PM – Discussion due: 11/21 at 11.59 PM – EHS Connect, Pro-Tips, and e-opinion due: 11/21 at 11.59 PM – T5 EHS Reflection due: 11/21 at 11.59 PM
Week 14	–	– Thanksgiving week, no assignments due! 🍁🐻
Week 15	T5 Video Pitch due: 12/05 at 11.59 PM Sectional Exam 2 due: 12/05 at 11.59 PM	

Note: This may be modified as needed during the semester. All assignments and quizzes are due at 11:59 PM EST. Please consult Canvas for more details.

Instructional Methods

1) **Lectures:** Students will independently view recorded lectures and participate in a related asynchronous discussions each week.

2) **Readings:** In addition to the lectures, supplementary readings and resources will be posted in Canvas. Additional readings may be added during the course if newly published and relevant.

3) **Learning Assessments:** A variety of assessments will be used in this course, including but not limited to reflective essays, assignments, quizzes, and projects.

Topical Outline/Course Schedule

The class assignments and discussions are asynchronous, unless noted otherwise in the syllabus. Teams will have 1-2 synchronous meetings with the instructor, designed to support project progress and enhance the overall learning process.

Course Materials and Technology Requirements

Required Textbook:

Mary-Jane Schneider (2020). Introduction to Public Health (6th edition). Burlington, MA: Jones & Bartlett Learning. ISBN -13: 978-1284197594 or ISBN-10: 128419759X. You also have the option of using the 5th edition of the book (ISBN-13: 978-1284089233 or ISBN-10: 1284089231). This course participates in the UF All Access program. Login at the following website and Opt-In to gain access to your required course materials - <https://www.bsd.ufl.edu/AllAccess> - UF All Access will provide you with your required materials digitally at a lower cost and the charge will be applied to your student account. This option will be available starting 1 week prior to the start of the semester and ending 3 weeks after the first day of class.

Required Equipment

Computer with high-speed internet access and use of a supported browser. Please refer to the student computing requirements listed on the Online Student Resources page. This course is delivered entirely online using the University of Florida's e-Learning in Canvas Course Management System. To access this course, you will use your Gatorlink ID and password to login to the course (via Canvas).

Technical Support

For technical support for the materials posted in the course e-Learning site, activities, and assessments, please contact course instructor.

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

Phone Number: (352) 392-HELP (4357) Option 2

Email: helpdesk@ufl.edu

Webpage with Chat: UF Computing Help Desk

ACADEMIC REQUIREMENTS AND GRADING

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

Points earned	93-100	90-92.99	87-89.99	83-86.99	80-82.99	77-79.00	70-76.99	NA*	67-69.99	63-66.99	60-62.99	<60
Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E

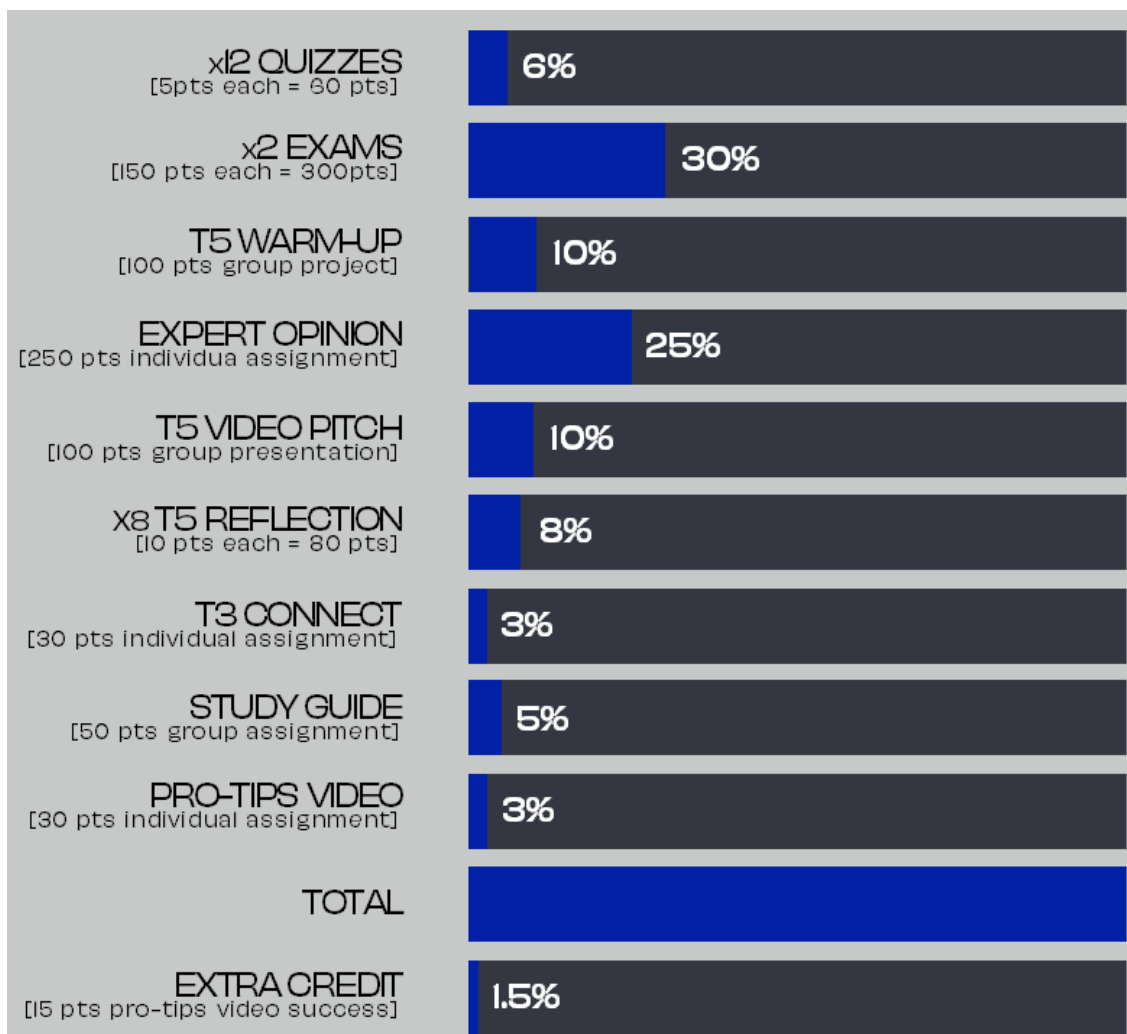
Please note that the Bachelor of Public Health Program does not use C- grades.

Letter grade to grade point conversions are fixed by UF and cannot be changed.

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 Grading and Grade Policies posted by the Registrar's Office.

GRADING:



For full details about course assessments please consult the UF e-learning site (Canvas).

Online Synchronous Sessions Policy

Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

Response/Feedback Policy

A member of the instruction team will respond to communications (emails, phone calls, communications through Canvas) within 24 hours during the work week, and within 48 hours during weekends or university closures. If closures are due to inclement weather or emergency, responses may be slower.

Exam Policy

Policy Related to Make up Exams or Other Work

Students will be allowed to make-up quizzes, assignments, and discussion board activities for acceptable reasons as described in the Graduate Catalog. See:

<http://gradcatalog.ufl.edu/content.php?catoid=10&navoid=2020#attendance>

If you are unable to submit an assignment on time, it is your responsibility to contact the instructor through Canvas mail as soon as possible to request an alternate arrangement and due date. If an alternate arrangement is not requested or offered, then no credit will be given for the assignment. Any approved make-up assignments should be submitted to the instructor through Canvas mail.

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.

Policy Related to Required Attendance

This is an online course: to comply with attendance and participation you are expected to complete the course learning activities and meet the established deadlines. In addition, you are required to participate in all the synchronous class meetings. Please note 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>

Students who wish to drop from the course must do so by the drop/add deadline established by the Office of the University Registrar. Students must not assume they will be automatically dropped if they fail to participate in the course learning activities.

STUDENT EXPECTATIONS, ROLES, AND OPPORTUNITIES FOR INPUT

Expectations Regarding Course Behavior

Communication Guidelines

The preferred mode of communication with the course instructors is via email feature on Canvas. While emailing instructors, please make sure to copy both instructor and graduate assistant on the mail. This way we can ensure prompt response to your emails.

Participation

Professional and respectful behavior is expected of all students participating in this course. Please be aware that all assignments and homework are due on the specified date and time.

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 Codes information at the Dean of Students Office website or the Academic Expectations information at the Graduate School website for additional details.

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

Recording Within the Course:

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations

such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

Policy Related to Guests Attending Class:

Only registered students are permitted to attend class. However, we recognize that students who are caretakers may face occasional unexpected challenges creating attendance barriers. Therefore, by exception, a department chair or his or her designee (e.g., instructors) may grant a student permission to bring a guest(s) for a total of two class sessions per semester. This is two sessions total across all courses. No further extensions will be granted. Please note that guests are **not** permitted to attend either cadaver or wet labs. Students are responsible for course material regardless of attendance. For additional information, please review the Classroom Guests of Students policy in its entirety. Link to full policy:

<http://facstaff.phhp.ufl.edu/services/resourceguide/getstarted.htm>

Online Faculty Course Evaluation Process

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>.

Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

SUPPORT SERVICES

Accommodations for Students with Disabilities

If you require classroom accommodation because of a disability, it is strongly recommended you register with the Dean of Students Office <http://www.dso.ufl.edu> within the first week of class or as soon as you believe you might be eligible for accommodations. The Dean of Students Office will provide documentation of accommodations to you, which you must then give to me as the instructor of the course to receive accommodations. Please do this as soon as possible after you receive the letter. Students with disabilities should follow this procedure as early as possible in the semester. The College is committed to providing reasonable accommodations to assist students in their coursework.

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.
- **U 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>
- **University Police Department:** [Visit UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).
- **UF Health Shands Emergency Room / Trauma Center:** For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website](#).

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

