

PHAR 7275 Public and Rural Health in Pharmacy Spring 2024

Course Description

This course explores the pharmacist's role in public health practice with a focus on rural health issues.

Additional Course Information

This course introduces the student to the pharmacist role in public health and the provision of care and preventative activities at the community and/or population level. During the course the students will be introduced to the essential functions and core areas of public health as well as develop an understanding of the contributors to public health problems. The major deliverable for the course is a project that will focus on the application of the core areas of public health and evidence-based models to the analysis, evaluation, identification, and development of an intervention plan based on the use of local, state, and/or national datasets.

Course Credit: 2 credit hours

Pre-Requisites: None

Co-Requisites: None

Class Meeting Days, Time & Location: Mondays, 10:00 am – 11:50 am; W.T. Brookshire Hall 234

Course Coordinator:

Frank Yu, Pharm.D., MPH

W.T. Brookshire Hall Room 348

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Email: fyu@uttyler.edu

Office hours: Monday 2:00-5:00 pm or by appointment

Preferred method of contact: Email

Fisch College of Pharmacy (FCOP) and UT Tyler Policies

This is Part 1 of the syllabus. Part 2 contains UT Tyler and the FCOP course policies and procedures. These are available at <https://www.uttyler.edu/pharmacy/academic-affairs/files/fcop-syllabus-policies.pdf>. For experiential courses (i.e., IPPE and/or APPE), the Experiential Manual contains additional policies and instructions that supplement the Syllabus Part 1 and 2. Please note, the experiential manual may contain policies with different deadlines and/or instructions. The manual should be followed in these cases.

Required Materials

Most course required materials are available through the Robert R. Muntz Library. These materials are available either online* (<http://library.utt Tyler.edu/>) or on reserve.

1. Covey JR, Arya V, DiPietro Mager NA, et al., eds. Public Health in Pharmacy Practice: A Casebook. 2nd ed. Milne Open Textbooks; 2021. This textbook is available as a free open educational resource at: <https://milneopentextbooks.org/public-health-in-pharmacy-practice-a-casebook-2nd-edition/>
2. Other required materials will be posted on the classes' Canvas site. The site address is: utt Tyler.edu/canvas.

Recommended Materials

None

Course Format

The course may include, but are not limited to, the following activities:

1. Independent study of selected readings
2. Individual formative assessments
3. In-class and out-of-class assignments
4. Team-based learning, active learning strategies:
 - a. Team application of content and concepts
 - b. Presentation of a team project

Course Learning Outcomes (CLOs)

CLOs	PLO(s) Assessed for this CLO (1-15)	EPAs (1-13)	ACPE Std. 11 & 12 (1-4)	Grading Method	Assessment Methods
1. Describe the various roles of the pharmacist in public health	4,14	N/A	N/A	ES, RUB	1,2,3,4,5
2. Summarize current public health issues at local, national, and global levels	8	N/A	N/A	ES, RUB	1,2,3,4,5
3. Analyze population based public health data and identify health trends	5,8,10	N/A	N/A	ES, RUB	1,2,3,4,5
4. Create feasible pharmacy-based solutions for public health issues	4,5,8,10,11,14	N/A	N/A	ES, RUB	1,2,3,4,5
5. Assess strategies used to address public health issues	4,5	N/A	N/A	ES, RUB	1,2,3,4,5

Course Assessment Methods

	Assessment Method	Description <i>Please provide a brief description of each summative assessment that you plan to use in this course to allow us to identify which ACPE standards are being assessed</i>
1	Final Exam Multiple Choice or Multiple Selection Question(s)	<i>Standard MCQ and Select All that apply questions.</i>
2	Final Exam Open Ended Question(s)	<i>Short answer questions</i>
3	Team Project	<i>Proposal for a public health intervention</i>
4	Oral Presentation	<i>Presentation of public health intervention project</i>
5	Reflection Essay	

Grading Policy & Grade Calculation

Grades will be determined based on evaluation of individual and team readiness assessment tests (iRATs, tRATs), individual and team cumulative assessment tests (iCATs, tCATs), midterm examinations, final written examinations, skills assessments, graded application assignments, participation in team-based projects, peer evaluations and other assessment methods that may include, but not limited to, Objective Structured Clinical Examinations (OSCEs). Examinations, RATs and CATs may consist of, but not limited to, multiple-choice, true/false, fill in the blank, short-answer, essay, and problem-based questions.

All examinations, tests, and assignments, including the final examination, may be **cumulative**. Students are responsible for material presented during prior courses. The grading scale for all graded material is below. The final course grade will be assigned according to the calculated percentage and the percentages will not be rounded upward or downward. For additional information, see Part 2 of the syllabus (<https://www.utt Tyler.edu/pharmacy/academic-affairs/files/fcop-syllabus-policies.pdf>).

During the time the course is in progress, students who obtain less than 75% on any summative assessment or a total course grade of less than 75% during a particular semester will receive an academic alert from the course coordinator and the Office of Academic Affairs and be subject to weekly in-course remediation with the course instructor(s).

Specifications Grade Calculation*

Individual Assessments:

- Individual Activities/Assignments #6
- Midterm Exam #1
- Final Exam #1
- Peer evaluations #3

Team Assessments:

- Team Assignments #13
- Team Project Presentation #1

Revision tokens may be submitted to revise assignments (1 token), exams (3 tokens), or the project presentation (3 tokens). Students may earn up to 7 tokens for the semester at a rate of 1 token per assignment with a grade of Meets Expectations. Team assignment revisions require all team members to have an available token. Team project presentation may be revised without all team members present, but only team members present and with tokens will receive credit if awarded a grade of Meets Expectations. Tokens will be used for each revision attempt. No tokens may be used for peer evaluations.

****The final course letter grade will be determined according to the following grading scheme. The grade earned is the highest grade in which all criteria are met. If only partially meeting criteria, the grade earned will be that which aligns with the lowest scoring criterion.***

A	Grade of "Meets Expectations" for at least all of the following: <ol style="list-style-type: none"> 1. All individual assignments 2. 11/13 team assignments 3. All rounds of peer evaluations 4. Midterm and Final average exam grade of 90.0% or higher 5. Presentation ("Meets Expectations" = ~85% total rubric points)
B	Grade of "Meets Expectations" for at least all of the following: <ol style="list-style-type: none"> 1. 5/6 individual assignments 2. 11/13 team assignments 3. All rounds peer evaluations 4. Midterm and Final average exam grade of 80.0% or higher 5. Presentation ("Meets Expectations" = ~85% total rubric points)
C	Grade of "Meets Expectations" for at least all of the following: <ol style="list-style-type: none"> 1. 4/6 individual assignments 2. 11/13 team assignments 3. 2/3 rounds peer evaluations 4. Midterm and Final average exam grade of 70.0% or higher 5. Presentation ("Meets Expectations" = ~85% total rubric points)
D	Does not meet criteria for C or F
F	Does not complete an exam, project presentation, and/or meets expectation for any round of peer evaluation

PHAR 7275 Course Schedule

WEEK	DAY	TOPIC	Instructor	CLO	Disease States
1	1/19	Course overview; Public Health: Overview of Public Health and the Pharmacist's Role	Yu	1,2	S20.99
2	1/26	Public Health: Basic concepts in epidemiology; Public health data	Yu	3	S20.99
3	2/2	Public Health: Intervention development and evaluation	Yu	1,3,4,5	S20.99
4	2/9	Public Health: Social determinants of health and cultural perspectives in public health	Yu	2,3	S20.99
5	2/16	Public Health: Rural health; Health disparities	Yu	2,3	S20.99
7	2/23	Midterm			
6	3/1	Public Health: Disease prevention and health promotion	Yu	1,4,5	S20.99
8	3/8	Public Health: Health behavior models/theories	Yu	4,5	S20.99
Spring Break (3/11-15)					
9	3/22	Public Health: Health messaging/communication; Contemporary public health issues	Yu	4,5	S20.99
10	3/29	Public Health: Environmental health and emergency preparedness and response	Yu	1,2	S20.99
11	4/5	Public Health: Global public health	Yu	1,2	S20.99
12	4/12	Public Health: Team Presentations	Yu	1,2,3,4,5	S20.99
13	4/19	Public Health: Team Presentations	Yu	1,2,3,4,5	S20.99
14	4/26	Public Health: Team Presentations	Yu	1,2,3,4,5	S20.99
15	5/1	Final Exam 1:00-4:00 PM and Final Reflection			
<p><i>Please note that dates, topics, and assignments are subject to change. In the event of a change, you will be given ample notification of the change.</i></p>					