

**PHAR 7275 Public and Rural Health in Pharmacy**  
Spring Semester 2021

**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 first half of the course the students will be introduced to the five core areas of public health, epidemiology, biostatistics, environmental health, health services administration, and behavioral health sciences/education. The last half of the course will focus on the application of the five core areas of public health to the analysis, evaluation, identification, and development of an intervention plan based on the use of the Texas Department of State Health Services, Center for Health Statistics Data Sets along with local data sets.

**Course Credit:** 2 credit hours

**Pre-Requisites:** None

**Co-Requisites:** None

**Class Meeting Days, Time & Location:** Friday 10:00 – 11:50 AM – Online via Zoom

**Course Coordinator:**

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**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 as a PDF at <https://www.uttyler.edu/pharmacy/academic-affairs/files/fcop-syllabus-policies.pdf>.

Syllabus Part 3 contains specific-policies adapted regarding instruction during COVID. 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. Hoai-An T, Bresette JL, Sellers JA. *The Pharmacist in Public Health; Education, Applications, and Opportunities*, Washington, D.C.: American Pharmacist Association; 2010. ISBN-13: 978-1-58212-130-7
2. Covvey JR, Arya V, DiPietro Mager NA, et al., eds. *Public Health in Pharmacy Practice: A Casebook*. 1st ed. State University of New York OER Services; 2020. ISBN-13: 978-1641760799.
  - a. This textbook is available as an open educational resource at: <https://courses.lumenlearning.com/suny-public-health-in-pharmacy-practice/>
3. Other required materials will be posted on the classes' Canvas site. The site address is: [utt Tyler.edu/canvas](http://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 readiness assessment tests (iRATs)
  - a. May include submission of pre-class narrative.
3. Team-based learning, active learning strategies:
  - a. Team readiness assessment tests (tRATs)
  - b. Team application of content and concepts
  - c. Presentation of a team project

## Course Learning Outcomes (CLOs)

CLOs	PLO(s) Assessed for this CLO (1-15)	EPAs (1.1-6.1)	Assessment Methods	Grading Method	PPCP Skill(s) Assessed (1-5)	ACPE Std. 11 & 12 (1-4)
1. Explore the various roles of the pharmacist in public health	4,14	--	1,2,3,4,5	ES, RUB	--	4
2. Describe current public health issues at local, national, and global levels	8	--	1,2,3,4,5	ES, RUB	--	4
3. Analyze population based public health data and identify health trends	5,8,10	3.1	1,2,3,4,5	ES, RUB	--	4
4. Create feasible pharmacy-based solutions for public health issues	4,5,8,10,11,14	--	1,2,3,4,5	ES, RUB	--	4
5. Assess strategies used to address public health issues	4,5	--	1,2,3,4,5	ES, RUB	--	4

## 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.

During the time the course is in progress, students whose cumulative course percentage falls below 70.0% may receive an academic alert and be subject to periodic course content review in special sessions with the course instructor(s). The student's faculty advisor may receive an academic alert to act upon on the student's behalf.

All examinations, tests, and assignments, including the final examination, may be **cumulative**. Students are responsible for material presented during the 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 examination/assessment policy below.

### Standard Grade Calculation\*

Individual Assessments: 80%	
iRATs/Other individual Activities	15%
Midterm Exam	30%
Final Exam	35%
Team Assessments: 20%	
Team Assignments	5%
Team Final Project (written paper)	10%
Project Presentation	5%
<b>Total</b>	<b>100%</b>

***\*The final course letter grade will be determined according to the following grading scheme:***

A	90 - 100 %
B	80 - 89.999 %
C	70 - 79.999 %
D	65.0 - 69.999 %
F	< 65.0 %

**PHAR 7275 Course Schedule – Spring 2020**

<b>WEEK</b>	<b>DATE</b>	<b>TOPIC</b>	<b>Instructor</b>	<b>CLO<sup>1</sup></b>	<b>Disease States</b>
1	1/15	Public Health: Overview of Public Health and the Pharmacist's Role	Parmentier	1,2	S20.01
2	1/22	Public Health: Basic concepts in epidemiology	Parmentier	3	S20.01
3	1/29	Public Health: Rural public health/Texas data sources	Yu	3	S20.01
4	2/5	Public Health: Disease prevention and health promotion	Parmentier	1,4	S20.01
5	2/12	Public Health: Social determinants of health and cultural perspectives in public health	Yu	2,3	S20.01
6	2/19	Public Health: Global public health	Bratteli	1,2	S20.01
7	2/26	Midterm			
8	3/5	Public Health: Intervention development and evaluation	Parmentier	1,3,4,5	S20.01
<b>Spring Break</b>					
9	3/19	Public Health: Environmental health and emergency preparedness and response	Wilder	1,2	S20.01
10	3/26	Public Health: Case Study 1	Yu	2,3,5	S20.01
11	4/2	Public Health: Case Study 2	Bratteli	2,3,5	S20.01
12	4/9	Public Health: Case Study 3	Parmentier	2,3,5	S20.01
13	4/16	Public Health: Team Presentations	Parmentier	1,2,3,4,5	S20.01
14	4/23	Public Health: Team Presentations	Parmentier	1,2,3,4,5	S20.01
15	TBD	Final Exam			
<p><b><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></b></p>					