The University of Toledo
Existing Course Modification Form

Please enter the changes below to each existing course. If changes are too extensive for this format, attach a page with all information.

College Pharmacy Dept/Academic Unit Pharmacy Practice
Contact Person: Diane Cappelletty Phone: 383-1957 Email: diane.cappelletty@utoledo.edu

Present
Supply all information asked for in this column. (Supply core and transfer module info if applicable.)

Department Pharmacy Practice

Course Alpha/Number PHPR 5260
Course Title Pharmacoeconomics and Outcomes Research II
Credit Hours 2
Prerequisite(s) PHPR 5610
Catalog Description (only if changed)

Proposed
Fill in appropriate blanks only where entry differs from first column.

Department

Course Alpha/Number PHPR 5620
Course Title
Credit Hours 3
Prerequisite(s)
Catalog Description

☐ US Cultural ☐ Non-US Culture ☐ None
Transfer Module: ☐ Arts & Humanities ☐ Engl ☐ Math
☐ Social Science ☐ Natural Science & Physics ☐ None

Reason for change Error in original paperwork with both course number and credit hours. The course historically has meet 3 hours per week.

Has course content changed? ☐ No. If so, give a brief topical outline of the revised course on an appended sheet.
Has the course changed from a non-core curriculum course to a core curriculum course? ☐ ☐ If so, explain how this course fulfills the core curriculum/general education guidelines on an appended sheet.

List any course or courses to be dropped ☐ ☐ Effective Date

Approval:
Department Curriculum Authority:
Department Chairperson:
College Curriculum Authority:
College Dean:
Chancellor's Office:

Date Added: 5-9-13
Council Approved: 8-21-13
To Provost: 8-23-13

Form Revised August 29, 2012
The University of Toledo
Course: PHPR 5620
Pharmacoeconomics and Outcomes Research II
Fall Semester 2010

Syllabus

Course Instructor
Varun Vaidya, Ph.D.
Assistant Professor
Sharrel Pinto, Ph.D.
Associate Professor

Course TA’s:
TBA

Course Goal: This course emphasizes advanced concepts, methods, and practical procedures for pharmacoeconomic analysis and outcomes research. The student will learn through readings and experience assessment of patient health status, quality of life, satisfaction and cost-effectiveness for pharmacoeconomic and health outcomes research, and interpretation of economic and outcomes data.

Objectives

• Understand methods to collect data that may be useful in drug use evaluation, drug use policy and decision-making, including retrospective and prospective data.

• Read, interpret, and evaluate published pharmacoeconomic studies.

• Apply pharmacoeconomic concepts to the practice setting

• Adopt new methods for modeling patient responses, interpret the meaning of measurement concepts and obtain a basic appreciation of the statistical analyses appropriate for outcomes research

• Locate available research-quality instruments for measuring health care outcomes in order to make informed choices among existing instruments

• Interpret the results of health outcomes research.
PHPR 5620 COURSE OUTLINE

The following topics are slated for discussion over the course of the semester. This document is only a plan, therefore, depending on time, guest speaker availability, and other circumstances, some topics may be omitted and additional topics may be covered.

Module 1: Decision Analysis/Markov
Module 2: Sensitivity Analysis
Module 3: Humanistic Outcomes: Quality of Life
Module 4: Patient Satisfaction
Module 5: Using Questionnaires
Module 6: Retrospective databases
Module 7: Perspective
Module 8: Application: Evaluating the Economic Literature
Module 9: Application: Formulary Decision-Making Process
Module 10: Application: Evaluation of Pharmacy Services
Module 11: Application: Conducting Economic and Outcome Assessments in Your Setting
Module 12: Statistical methods to evaluate and use outcomes scales and indices
Module 13: Demonstrating improvement in patient outcomes
Module 14: Controlling costs and allocating resources
Module 15: Implementing disease management programs
Module 16: Making effective public health, health technology and clinical decisions.
Module 17: Critical review and use of outcomes data
IMPORTANT DATES:

Exam I
Week 3

Exam II
Week 6

Assignment
Week 9

Final Exam
Finals week

GRADING CRITERIA

Exam I 100 pts
Exam II 100 pts
Graduate Assignment 100 pts
Final Exam 150 pts

Total Points 450 pts

GRADING SCALE

Grade Percentage of Total points
A 93 - 100
A- 90 - 92.99
B+ 86 - 89.99
B 83 - 85.99
B- 80 - 82.99
C+ 76 - 79.99
C 73 - 75.99
C- 70 - 72.99
D+ 66 - 69.99
D 63 - 65.99
D- 60 - 62.99
F Below 60

The grading scale will be followed strictly. Grades will not be “curved”. Students will have ample opportunity to perform well in this course with good attendance and participation.

Class participation is greatly encouraged. The instructor welcomes questions and comments.