Prerequisite(s): Admission into the M.S. or Ph.D. in Pharmacy Program.

societal and fiscal environments in the U.S. Course Information:

PSOP 507. Pharmacy and Its Environment. 2 hours.
Factors directly influencing the practice of pharmacy. Roles of the pharmacist as affected by contemporary organizational, legislative societal and fiscal environments in the U.S. Course Information:
Prerequisite(s): Admission into the M.S. or Ph.D. in Pharmacy Program.

PSOP 510. Problems in Pharmacy Management. 3 hours.
Selective managerial problems relative to pharmacy practice in complex healthcare environments. Course Information: Prerequisite(s): PSOP 482 or the equivalent.

PSOP 516. Comparative Effectiveness Research. 3 hours.
Overview of concepts and application of comparative effectiveness research. Course Information: Extensive computer use required. Taught online.

PSOP 525. Medication, Identity and Illness. 3 hours.
Examines the role of pharmaceutical care and medication-taking in the social context of chronic illness. Course Information: Prerequisite(s): Credit or concurrent registration in PHAR 344 or consent of the instructor.

PSOP 526. Pharmacoepidemiology. 3 hours.
Provides an introduction to pharmacoepidemiology and key concepts and principles that are unique to the study of medications in large populations. Course Information: Same as EPID 526. Previously listed as PSOP 426. Extensive computer use required. Taught online. A computer with sufficient memory and Internet access is required. Prerequisite(s): EPID 400 or EPID 403 or consent of the instructor.

PSOP 535. Pharmaceutical Policy. 3 hours.
Introduces key features of pharmaceutical policy and provides a framework for analyzing and evaluating current policy issues that affect the development and provision of safe, effective and affordable medications in the U.S. Course Information: Extensive computer use required. Taught online.

PSOP 555. Measurement and Evaluation of Patient Reported Outcomes. 2 hours.
Focuses on the development, assessment, and application of measures of patient-reported outcomes (PROs). Course Information: Extensive computer use required. Course offered online.

PSOP 573. Principles of Economic Evaluations of Health Care Interventions. 3 hours.
Principles, models and practical methods for the economic evaluation of health care services with an emphasis on pharmaceutical care. Course Information: Same as HPA 573. Extensive computer use required. Course offered online, in person, or via distance education. Prerequisite(s): Consent of the instructor.

PSOP 575. Educational Instruction and Practice in Pharmacy Systems, Outcomes and Policy. 2 hours.
Designed to develop teaching skills and improve instructional abilities. Course Information: Prerequisite(s): Consent of the instructor.

PSOP 577. Applied Population Health Survey Research. 3 hours.
Development of computer programming skills and knowledge of statistical techniques for analyzing population health survey data. Course Information: Credit is not given for PSOP 577 if the student has credit in BSTT 507 or CHSC 447 or STAT 431 or STAT 531 or STAT 532. Extensive computer use required. Prerequisite(s): Consent of the instructor. Restricted to graduate students in the Health Sciences Colleges. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

PSOP 579. Advanced Methods in Outcomes Research and Grant Writing. 3 hours.
An advanced graduate-level course focused on the grant writing strategies with an emphasis on methodologies relevant to health services, economics and outcomes research. Course Information: Prerequisite(s): PSOP 502 and PSOP 573; or consent of the instructor.
PSOP 580. Advanced Decision Analysis Techniques I. 2 hours.
Exposes students to advanced decision analysis and related sensitivity
analysis methodologies. Course Information: Extensive computer use
required. Prerequisite(s): PSOP 573 and consent of the instructor.
Priority enrollment is provided to graduate students in the Health Science
Colleges and the Department of Economics, School of Liberal Arts and
Sciences, and those enrolled in the MBA program, College of Business
Administration.

PSOP 581. Advanced Decision Analysis Techniques II. 1 hour.
The purpose will be to gain experience using techniques germane
to the advanced decision analysis and related sensitivity analysis
methodologies taught in PSOP 580. Course Information: Extensive
computer use required. Prerequisite(s): PSOP 580 and consent of the
instructor. Priority enrollment is provided to graduate students in the
Health Science Colleges and the Department of Economics, School
of Liberal Arts and Sciences, and those enrolled in the MBA program,
College of Business Administration.

PSOP 592. Comparative Effectiveness Research Project. 6 hours.
Supervised literature-based scholarship and/or research in comparative
effectiveness research. Selected problems or issues in comparative
effectiveness research are investigated under the direction of the faculty
advisor. Course Information: Satisfactory/Unsatisfactory grading only.
Extensive computer use required. Taught online, in person, or via
distance education.

PSOP 594. Special Topics in Pharmacy Systems, Outcomes and
Policy. 1-3 hours.
Topics vary. Intensive analysis of contemporary issue(s) associated
with delivery and financing of pharmaceutical products and professional
services. Course Information: May be repeated to a maximum of 6 hours.

PSOP 595. Departmental Seminar in Pharmacy Systems, Outcomes
and Policy. 1 hour.
Presentation by students, faculty and visiting experts. Topics to be
arranged. Course Information: Satisfactory/Unsatisfactory grading only.
May be repeated. Extensive computer use required. Taught online,
in person, or via distance education. Prerequisite(s): Consent of the
instructor. Graduate students in the Pharmacy Systems, Outcomes and
Policy degree program must register for PSOP 595 every fall and spring
semester.

PSOP 596. Independent Study. 1-4 hours.
Individual research under direction of a member of the faculty. Course
Information: May be repeated. Students may register in more than one
section per term. Extensive computer use required. Taught online,
in person, or via distance education. Prerequisite(s): Consent of the
instructor.

PSOP 597. Pharmacy Systems, Outcomes and Policy Project. 6
hours.
Supervised literature-based scholarship and/or research in pharmacy
systems, outcomes and policy. Selected problems or issues in social,
behavioral, or economic pharmaceutical sciences are investigated under
the direction of the faculty advisor. Course Information: Satisfactory/
Unsatisfactory grading only. Prerequisite(s): PSOP 502.

PSOP 599. Ph.D. Thesis Research. 0-16 hours.
Independent dissertation research on topic approved by student’s
graduate committee. Course Information: Satisfactory/Unsatisfactory
grading only. May be repeated. Prerequisite(s): Consent of the
committee. Open only to degree candidates.