

# Pharmacy Systems, Outcomes, and Policy (PSOP)

---

## Courses

### **PSOP 300. Undergraduate Research Experience in Pharmacy Systems, Outcomes and Policy. 1-3 hours.**

Supports the academic environment for undergraduate students at UIC. The research experience will be under the guidance of a faculty member who will act as a research supervisor. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Consent of the instructor supervising the research experience. Open only to sophomores, juniors, and seniors.

### **PSOP 380. Undergraduate Research in Pharmacy Systems, Outcomes and Policy. 1-3 hours.**

Investigation, under the direction of one or more faculty members, of a problem of limited scope. May require literature research related to the research project. Course Information: May be repeated. A maximum of 6 hours of credit is allowed per department. A total of not more than 8 hours of 380 and 390 numbered courses in the college may be applied toward the 12 hours of PharmD professional electives. Prerequisite(s): Minimum cumulative grade point average of 3.50 and consent of the instructor, department head, and Associate Dean for Student Affairs.

### **PSOP 381. Professional Development Seminar I. 1 hour.**

Weekly seminar series for second professional year pharmacy students. Discusses educational issues related to the second professional year. Students create/update Curriculum Vitae; explore various pharmacy career opportunities. Course Information: Credit is not given for PSOP 381 if the student has credit for BPS 381 or PMMP 381 or PMPR 371. Prerequisite(s): Student must be listed as an advisee of the instructor.

### **PSOP 382. Professional Development Seminar II. 1 hour.**

Weekly seminar series for second year pharmacy students. Discusses educational issues related to the second professional year. Students create/update Curriculum Vitae; explore various pharmacy career opportunities. Course Information: Credit is not given for PSOP 382 if the student has credit for BPS 382 or PMMP 382. Prerequisite(s): Student must be listed as an advisee of the instructor.

### **PSOP 383. Professional Development Seminar III. 1 hour.**

Weekly seminar series for third professional year pharmacy students. Discusses relevant educational and professional issues. Update CV/Resume and Portfolio. Explore pharmacy career opportunities with invited guests. Course Information: Credit is not given for PSOP 383 if the student has credit for BPS 383 or PMMP 383. Prerequisite(s): Student must be listed as an advisee of the instructor.

### **PSOP 384. Professional Development Seminar IV. 1 hour.**

Weekly seminar series for third year pharmacy students. Discusses with advisees relevant educational and professional issues. Update CV/Resume and Portfolio. Explore pharmacy career opportunities with invited guests. Course Information: Credit is not given for PSOP 384 if the student has credit for BPS 384 or PMMP 384. Prerequisite(s): Student must be listed as an advisee of the instructor.

### **PSOP 385. Special Topics in Pharmacy Systems, Outcomes and Policy. 1-3 hours.**

A selected topic of current interest in pharmacy systems, outcomes and policy; or an experimental course, offered by faculty or a visiting lecturer. Course Information: Previously listed as PMAD 385. Prerequisite(s): Good standing and consent of the instructor.

### **PSOP 387. Critical Dialogue (CD) for Professional Student Development. 2 hours.**

This highly interactive course engages pharmacy students in a broad conceptualization of pharmaceutical practice in a multicultural society.

### **PSOP 389. Online Contemporary Issues in Pharmacy Student Development. 2 hours.**

Introduces students to various contemporary pharmacy issues through the lens of a multi-disciplinary health education policy analysis.

### **PSOP 390. Special Projects in Pharmacy Systems, Outcomes and Policy. 1 or 2 hour.**

Special projects within the departmental discipline. Defined and terminal project goals are achieved through independent study. Course Information: 1 to 2 hours. May be repeated. A maximum of 4 hours of 390 credit is allowed in all departments. A total of not more than 8 hours of 380 and 390 numbered courses in the college may be applied toward the 12 hours of PharmD professional electives. Prerequisite(s): Consent of the instructor, department head, and Associate Dean for Student Affairs.

### **PSOP 391. Foundations in Urban Family and Community Healthcare 1. 1 hour.**

This course is a first in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the Urban Pharmacy program and consent of the instructor .

### **PSOP 392. Foundations in Urban Family and Community Healthcare 2. 1 hour.**

The second course in a series that is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the Urban Pharmacy program and successful completion of PSOP 391.

### **PSOP 393. Foundations in Urban Family and Community Healthcare 3. 1 hour.**

This course is a third in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the UPHARM program and successful completion of UPHARM Year 1.

### **PSOP 394. Foundations in Urban Family and Community Healthcare 4. 1 hour.**

This course is fourth in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the UPHARM program and successful completion of UPHARM Year 1.

### **PSOP 395. Foundations in Urban Family and Community Healthcare 5. 1 hour.**

This course is fifth in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the UPHARM program and successful completion of UPHARM Year 2. In the UPHARM program and expressed interest in urban pharmacy education practice in underserved Chicagoland communities and interest in health disparities research.

**PSOP 396. Foundations in Urban Family and Community Healthcare 6. 1 hour.**

This course is sixth in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the UPHARM program and successful completion of UPHARM Year 2. Expressed interest in urban pharmacy education practice in underserved Chicagoland communities and interest in health disparities research.

**PSOP 397. Capstone Project in Urban Healthcare. 2 hours.**

This is the seventh and final course in a series, and is the capstone project. Course Information: Prerequisite(s): Successful completion of UPHARM program years 1-3.

**PSOP 400. Ethics and Privacy Issues in Comparative Effectiveness Research. 1 hour.**

Covers ethical and privacy issues in comparative effectiveness research. Course Information: Satisfactory/Unsatisfactory grading only. Extensive computer use required. Taught online.

**PSOP 421. Pharmaceutical Marketing. 3 hours.**

Introduction to the field of marketing with specific emphasis on pharmaceuticals and the marketing of pharmacy services.

**PSOP 470. Managed Care Pharmacy. 3 hours.**

Professional development in managed care pharmacy to learn history, administrative and policy aspects, network with operational managers and leaders in field, visit managed care sites and observe activities of managed care pharmacists. Course Information: Prerequisite(s): Third year standing in the Doctor of Pharmacy program or second year standing in the Doctor of Pharmacy program with consent of the instructor, or graduate standing in pharmacy.

**PSOP 482. Professional Practice Management. 3 hours.**

Managerial functions of the pharmacist in all practice environments with emphasis on the planning, organizing, staffing, directing and controlling of resources.

**PSOP 484. Systematic Reviews and Meta-Analysis. 3 hours.**

The course will discuss the concepts, process, and statistical methods required to perform a systematic review or meta-analysis of a large body of empirical findings. Course Information: Extensive computer use required. Taught online. Prerequisite(s): EPID 403 or BSTT 400 or PSOP 502; or graduate or professional standing; or consent of the instructor. Recommended background: Graduate coursework in biostatistics or epidemiology.

**PSOP 485. Concentration Research. 2 hours.**

Investigation, under the direction of one or more faculty members, of a problem of limited scope. May require literature research related to the research project. Course Information: May be repeated to a maximum of 4 hours.

**PSOP 489. Health Economics and Outcomes Research Overview. 2 hours.**

A survey of topics in the field of health economics and outcomes research as applied to pharmacy.

**PSOP 494. Special Topics in Pharmacy Systems, Outcomes and Policy. 1-3 hours.**

Topics will vary, including the on-going analysis of contemporary issues associated with delivery, financing and management of pharmaceutical products and professional services. Course Information: May be repeated to a maximum of 6 hours.