



MCP in PSYCHIATRY: COURSES AND CLINICAL ROTATIONS

COURSEWORK

PHAR 857: Advanced Pharmacotherapy 1

This course builds on foundational pharmacotherapy knowledge to address complex patient cases and specialized populations.

PHAR 855: Advanced Pharmacotherapy 2: Mental Health

This course focuses on the advanced pharmacologic management of mental health conditions. Through case-based learning, students will apply evidence-based guidelines and clinical reasoning to optimize care for patients with complex psychiatric needs, including mood disorders, psychosis, anxiety, and substance use disorders.

PHAR 848: Advanced Pharmacokinetics and Pharmacodynamics

Qualitative and quantitative aspects of drug absorption, disposition, metabolism and excretion, and drug pharmacodynamics. The course emphasizes the use of pharmacokinetic and pharmacodynamic equations and the analysis of the data.

PHAR 860: Practice Management and Leadership

This course explores formal and informal leadership in pharmacy, focusing on practical skills and leadership theory. Students will examine effective leadership traits and apply principles of practice management through hands-on assessments.

PUB 805: Biostatistics for Public Health

Designed for students who wish to understand basic bio-statistical methods and principles as they apply to public health data. The methods include descriptive statistics, confidence intervals and hypothesis testing, analysis of variance, non-parametric methods, multiple regression and logistic regression. The course also introduces the computer software program SPSS as it applies to the statistical topics discussed in the course.

PHAR 870: Research Methods in Pharmacy Practice

Designed for students who wish to understand basic bio-statistical methods and principles as they apply to public health data. The methods include descriptive statistics, confidence intervals and hypothesis testing, analysis of variance, non-parametric methods, multiple regression and logistic regression. The course also introduces the computer software program SPSS as it applies to the statistical topics discussed in the course.

PHAR 992: Capstone Project and Evaluation

This course is designed to provide the student with experience in conducting and presenting a research project. Under the supervision of a faculty member, students will undertake a research project, complete a written research manuscript, and communicate the results in a formal presentation.

CLINICAL ROTATIONS

PHAR 901: General Medicine Foundation Practicum

6-week (240 hour) advanced clinical practicum in an acute care (hospital) setting.

PHAR 902: General Psychiatry Foundations Practicum

6-week (240 hour) advanced clinical practicum in a psychiatric acute care (hospital) setting.

PHAR 903: Psychiatry Practicum I

6-week (240 hour) advanced clinical practicum in a psychiatric health care (outpatient or inpatient).

PHAR 904: Psychiatry Practicum 2

6-week (240 hour) advanced clinical practicum in a psychiatric health care (outpatient or inpatient or combination)

PHAR 905: Psychiatry Elective Practicum

6-week (240-hour) advanced practicum at a mental health care facility, either through program-affiliated sites or a student-proposed site with an approved preceptor.

PHAR 909: Psychiatry Independent Practicum

6-week (240-hour) advanced clinical practicum in psychiatric acute care. They will manage a higher patient load, contribute to interdisciplinary care, and engage in activities such as trainee supervision and management discussions. Emphasis is placed on independent decision-making, prioritization, and meaningful, safe contributions to the care of all patients on the unit.