

PHARMACEUTICAL OUTCOMES RESEARCH (PHOR)

PHOR 7570 - Special Topics in Outcomes Research (1 Credit)

This course involves identification, analysis and discussion of contemporary issues in the field of pharmaceutical outcomes research. Format and topics vary depending on the focus of the course for each semester. Prereq: Graduate standing and consent of instructor. Grading Basis: Letter Grade
Typically Offered: Fall, Spring.

PHOR 7611 - Applied Cost-Effectiveness Modeling (4 Credits)

This is an applied course in cost-effectiveness analysis. This course will apply the theory and methods learned in HSMP 6609 to develop competency in conducting cost-effectiveness analysis in health and medicine. Students will complete their own cost-effectiveness model. Prerequisite: HSMP 6609 Cost Benefit/Cost Effectiveness Analysis. Restrictions: Successful completion of HSMP 6609 or permission of primary instructor. Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Fall.

PHOR 7613 - Pharmaceutical Economics (3 Credits)

An introduction to pharmaceutical economics with emphasis on the role of pharmaceuticals and the pharmaceutical industry, regulation, and pricing. This course will also cover modeling microeconomic data including costs and health state preferences for advanced economic evaluation using primary data sources. Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Spring.

PHOR 7615 - Pharmacoepidemiology (2-4 Credits)

This course builds upon fundamental concepts and methods of epidemiology, applied to the study of pharmaceuticals. Topics included: the FDA approval process, mechanisms of adverse drug effects, methods and data systems for studying drug-effect relationships, and evaluating published pharmacoepidemiology studies. Crosslisted: EPID 7615. Prereq: EPID 6630, 2-course biostatistics series (either BIOS 6601-6602 or BIOS 6611-6612) Restrictions: Consent of instructor to determine level of credit to be taken. Grading Basis: Letter Grade
Repeatable. Max Credits: 4.
A-GRAD Restricted to graduate students only.
Typically Offered: Fall.

PHOR 7620 - Applied Pharmaceutical Outcomes Research Methods (2 Credits)

Students completing this course will be able to identify and write a clinical research question; identify variables for analyses; complete intermediate statistical analyses to answer their research question; write-up their study as a scientific manuscript; and present their research orally. Prerequisite: Passed PHRD 6065 or EPID 6626 and BIOS 6601/6611) or special permission of primary instructor. Crosslisted with PHRD 7810. Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Spring.

PHOR 7621 - Database Research Methods (2 Credits)

This course, the first of a two-course sequence, will cover theoretical and methodological foundations of database research. Topics will include observational research methods, data management and analysis considerations, and an overview of databases available for use in health services research. Restrictions: Currently enrolled in a graduate-level program of study. Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Fall.

PHOR 7622 - Applied Database Research (3 Credits)

Course is second of two-course sequence in database research, providing students opportunity to apply theory and methods learned in PHSC7621 to develop competency in conducting research using secondary datasets. Students conduct their own database project and complete manuscript describing findings.. Prereq: PHSC 7621, BIOS 6611/6602 or approval of course director. Restrictions: Currently enrolled in a graduate-level program of study. Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Spring.

PHOR 7911 - Pharm Outcomes Research Practicum (2 Credits)

This course focuses on team-based research in pharmaceutical outcomes, building on prior didactic courses. Specific attention is given to the procedures, methods, and measurement specific to conducting successful empirical pharmaceutical outcomes research. Research topics will vary. Prereq: EPID 6630, 2-course biostatistics series (either BIOS 6601-6602, or BIOS 6611-6612), completion of preliminary exams Restrictions: Consent of instructor to determine completion of prerequisite coursework and readiness for practicum. Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Fall, Spring.

PHOR 8990 - Doctoral Thesis (1-10 Credits)

Doctoral thesis work in pharmaceutical sciences. Prereq: Consent of Instructor. Grading Basis: Letter Grade with IP
Repeatable. Max Credits: 10.
A-GRAD Restricted to graduate students only.
Additional Information: Report as Full Time.
Typically Offered: Fall, Spring, Summer.