

Graduate Certificate in Clinical Investigation Sciences

The Graduate Certificate in Clinical Investigation Sciences provides individuals with skills required for a career in a clinical research setting. The Graduate Certificate in Clinical Investigation Sciences includes 15 credit hours of didactic instruction with required courses in epidemiology, biostatistics, the responsible conduct of research, evaluating the health care literature and an elective in behavioral and social science, health economics or health services and outcomes research plus a 1 credit hour research paper. The Certificate Program can be completed in 1 year and is designed for those who want a career in a clinical research setting as well as those who want to upgrade their research skills. Courses taken in the certificate program can be applied toward the MSc degree.

Courses for the Graduate Certificate in Clinical Investigation Sciences

Fall Semester

PHCI 611- Introduction to Clinical Epidemiology (2)

PHCI 621 - Fundamentals of Biostatistics (2)

Elective Courses (Select One)

PHCI 631 - Behavioral and Social Science in Health Care (2)

PHCI 650 - Medical Decision Analysis (2)

PHCI 602 - Health Services and Outcomes Research (2)

Spring Semester

PHCI 622 - Design and Analysis of Case Control Studies (2)

PHCI 623 - Design and Analysis of Cohort Studies (2)

PHCI 624 - Clinical Trials I (2)

PHCI 632 - Ethical Conduct of Health Research (2)

Summer Semester

PHCI 601 - Evaluating Health Care Literature (1)

PHCI 699 – Mentored Research Paper (1)