

MSIA - CLINICAL & TRANSLATIONAL RESEARCH MENTORED SCHOLARS PROGRAM (PHD)

Subplan Advisory Committee

Dr. Anthony Podany (Chair and Program Director), and Dr. Chi Lin (Associate Director)

The MSIA Clinical & Translational Research Mentored Scholars Program aims to develop early career scientists and health professionals into productive, funded, clinical - translational researchers. The overall aim of the PhD program provides multidisciplinary didactic education and practical research grant training for those who intend to develop a career in clinical and translational research, so they may acquire the skills necessary to design, implement, and report ethically sound, extramurally funded clinical - translational research.

PhD Curriculum

Code	Title	Credit Hours
Statistics Requirement		
BIOS 806	BIOSTATISTICS	3
BIOS 808	BIOSTATISTICS II	3
BIOS 835	DESIGN OF MEDICAL HEALTH STUDIES	3
Core Curriculum		
CTR 901	SEMINAR IN CLINICAL & TRANSLATIONAL RESEARCH GRANTSMANSHIP I	2
CTR 903	MULTIDISCIPLINARY TEAM SCIENCE AND CONCEPT BUILDING	2
EPI 820	EPIDEMIOLOGY IN PUBLIC HEALTH	3
MSIA 999	DOCTORAL DISSERTATION (minimum of 15 hours)	--
One additional EPI course is required		
Electives (4 courses)		
Scholars will consult with their Supervisory Committee to select appropriate electives, a sample of potential elective courses is listed below.		
BIOS 810	INTRODUCTION TO SAS PROGRAMMING	3
BMI 810	INTRODUCTION TO BIOMEDICAL INFORMATICS	3
NRSG 910	HEALTH-RELATED INSTRUMENT CONSTRUCTION & EVALUATION	3
NRSG 914	MANAGEMENT OF CHRONIC ILLNESSES	3
NRSG 923	RURAL HEALTH: PRACTICE, POLICY AND RESEARCH	3
NRSG 928	TRANSLATIONAL AND INTERDISCIPLINARY OUTCOMES RESEARCH	3
ENV 913	ENVIRONMENTAL PATHOLOGY	3
EPI 821	APPLIED EPIDEMIOLOGY	3
HPRO 809	INTRODUCTION TO HEALTH DISPARITIES AND HEALTH EQUITY	3

HPRO 901	SYSTEMS THINKING FOR HEALTH PROMOTION RESEARCH	3
HPRO 903	MIXED METHODS RESEARCH	3
HPRO 910	HUMANISTIC TRADITIONS OF QUALITATIVE RESEARCH	3
HPRO 915	FOUNDATIONS OF THE CBPR APPROACH	3
HPRO 916	IMPLEMENTATION SCIENCE MODELS AND METHODS	3
HPRO 917	ADVANCED RESEARCH METHODS IN HEALTH PROMOTION DISEASE PREVENTION STUDY DESIGN	3
NRSG 937	PROPOSAL DEVELOPMENT IN HEALTH SCIENCES	3

Note: Scholars must complete the majority of their coursework (all courses but one, excluding Seminar and Doctoral Dissertation) from their approved Program of Study prior to taking the Comprehensive Exam.