

MSIA - PATIENT-ORIENTED RESEARCH (PHD)

Subplan Advisory Committee

Dr. Ka-Chun (Joseph) Siu (Chair and Program Director), Dr. David E. Warren and Dr. Laura Bilek

Students enrolled in the MSIA - Patient-Oriented Clinical Research PhD program engage in and learn the processes of patient-oriented clinical research. This research directly involves patients, evaluating either their tissue, behavior, physiology or responses to an intervention. Types of research considered patient-oriented include, but are not limited to, the use of human tissues to study diagnostic techniques, the mechanism of disease, effectiveness of treatment interventions, and clinical trials.

PhD Curriculum

Code	Title	Credit Hours
Statistics Requirement		
BIOS 806	BIOSTATISTICS	3
BIOS 808	BIOSTATISTICS II	3

(Or graduate level Biostatistics courses within the NU system and approved by the POR Sub-plan committee will be accepted)

Core Curriculum

One course in grant writing is required. Students must choose a grant writing course in consultation with their Supervisory Committee.

GRAD 800	RESPONSIBLE CONDUCT IN RESEARCH TRAINING *	0
BIOS 835	DESIGN OF MEDICAL HEALTH STUDIES	3
MSIA 910	HUMAN SUBJECTS RESEARCH MANAGEMENT	2
MSIA 970	SEMINAR (to be taken for 4 semesters)	4
MSIA 999	DOCTORAL DISSERTATION	1-9

Electives (4 courses)

Students will work with their Supervisory Committee to select appropriate electives

***Note: Students 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.**

MD/PhD Curriculum

Upon successful completion of Phase 1 of the College of Medicine curriculum, the MD/PhD students in the MSIA - Patient-Oriented Research sub-plan must complete the following coursework:

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

One course in grant writing is required. Students must choose a grant writing course in consultation with their Supervisory Committee.

GRAD 800	RESPONSIBLE CONDUCT IN RESEARCH TRAINING	0
MSIA 910	HUMAN SUBJECTS RESEARCH MANAGEMENT	2
MSIA 970	SEMINAR (to be taken for 4 semesters)	4
MSIA 999	DOCTORAL DISSERTATION	1-9

Electives (1 courses)

Students will work with their Supervisory Committee to select appropriate electives

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