

MEDICAL SCIENCES INTERDEPARTMENTAL AREA (MSIA)

MSIA 825 RESEARCH AND SCHOLARLY COMMUNICATION IN THE HEALTH SCIENCES 2 Credit Hours

SELECTIVE

This course is designed to prepare the graduate student to become a critical consumer of scholarly publications in the health professions. Specifically, this course will emphasize principles of ethical research practices, rigor in research, and scholarly communication. Students will be expected to critically evaluate sources of information and use credible sources to develop their own critical appraisal of a topic (CAT).

Prerequisite: Students must have completed the Phase 1 of the College of Medicine curriculum in good standing prior to enrolling in the course. Students that are currently in the COM are not eligible for this course/program of study. Only students who have withdrawn from the medical curriculum are eligible

Instructor: Kari Nelson, Ph.D.

Typically Offered: FALL/SP/SU

MSIA 896 RESEARCH OTHER THAN THESIS 1-9 Credit Hours

Student research that is clearly distinct from ongoing or planned thesis/dissertation work, or research/lab rotations preformed prior to selecting a permanent advisor or supervisor.

Typically Offered: FALL/SP/SU

MSIA 899 MASTERS THESIS 1-9 Credit Hours

Independent student research related to the masters thesis.

Prerequisite: Must be masters student in MSIA

Typically Offered: FALL/SP/SU

MSIA 910 HUMAN SUBJECTS RESEARCH MANAGEMENT 2 Credit Hours

SELECTIVE

During this course students will review and practice the process for planning and implementing human subjects research. Training includes creation of study processes (IRB, data management, recruitment, process of consent, operating procedures) required for successful implementation and delivery of a human subjects research. This course will provide a framework of ensuring all federal and ethical guidelines are met. Students will justify decisions for study procedures based on management principles, evidence and financial constraints.

Prerequisite: BIOS 806: Biostatistics I; BIO 835: Design of Medical Studies or equivalent

Instructor: Dr. Laura Bilek

Typically Offered: FALL

MSIA 970 SEMINAR 1 Credit Hour

This seminar allows a unique seminar plan to be generated for each student regarding attendance and presentation. The plan will include attendance and presentation at research seminars in your home department and across campus and participation in journal clubs.

Prerequisite: enrolled in MSIA or BMI graduate program or by permission.

Typically Offered: FALL/SPR

MSIA 998 SPECIAL TOPICS 1-9 Credit Hours

Medical Sciences Interdepartmental Area (MSIA) sub-plans may utilize this course to present special content not covered in existing courses. Additionally, MSIA students desiring to advance their knowledge of special content or a research-related topic in a structured course environment may utilize this mechanism, provided that they propose the topics and course deliverables in the form of a syllabus for approval by the MSIA program director and the student's advisor prior to enrollment. An MSIA student's program of study cannot contain more than one Special Topics course.

Typically Offered: FALL/SP/SU

MSIA 999 DOCTORAL DISSERTATION 1-9 Credit Hours

Independent student research related to the PhD dissertation. This course may be utilized before or after successful completion of the comprehensive exam.

Typically Offered: FALL/SP/SU