MSCR 6420 Responsible Conduct of Research (1)
MSCR 6430 Introduction to Clinical and Translational Research (3)
In this course, students will study IRB relations and regulations, discuss the required elements in a clinical research contract and the responsibilities of the clinical researcher, identify effective use of research personnel, and develop negotiating skills to facilitate support for clinical research. The course will also encompass the principle of randomization and “intention-to-treat” analysis in experimental studies, integration of clinical trials and lab support, specimen collections and laboratory problem-based learning. A researcher/clinician centric insight into the logistics of technology transfer and intellectual property (IP) development will be studied. The practical aspects of technology transfer in an academic context will be investigated. Discussed topics will include local academic tech transfer policy, related procedures and available resources. Career pathways and opportunities open to the clinical researcher in the academic and private sector will be explored and discussed.

MSCR 6440 Protocol Design and Writing (1-3)
MSCR 6450 Therapeutics Seminar (4)
MSCR 7070 Molecular Medicine (4)
Study of molecular medicine.

MSCR 7080 Cultural Competence Research (3)
MSCR 7090 Grant Writing (3)
MSCR 7150 Journal Club (1)
Course Limit: 99
MSCR 7300 Clerkship (0.5-5.75)
MSCR 7400 Surgical Education Conference (1)

Maximum Hours: 99
MSCR 7410 Surgical Research Consortium (0.5)

Maximum Hours: 99
MSCR 7420 Clinical Mentorships (2)

Maximum Hours: 99
MSCR 7430 Residency Didactics (0.5-0.75)
MSCR 7440 Independent Study (0-3)
MSCR 7450 Practical Skills (3)

Maximum Hours: 99
MSCR 9980 Mentored Research Component (2)
Course may be repeated up to unlimited credit hours.

Maximum Hours: 99