

**MSCR CURRICULUM
FALL SEMESTER**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1:00-2:50 – MSCR 761 Introduction to Clinical and Translational Science Jordan Kempker, MD, MS Jessica Alvarez, PhD, RD Credits: 2	1:00-2:50 – MSCR 500 Biostatistics Azhar Nizam, MS Credits: 3	10:00-11:50 – MSCR 594A This course is NOT for junior faculty members, who will take the spring semester MSCR 594A Grant Writing Janet Gross, PhD; Russell Kempker, MD, MS Credits: 1		8:00-10:00 - MSCR 510 Translation and Implementation Science Mohammed Ali, MD, MSc, MBA Credits: 2
		1:00-2:50 – MSCR 530 Analytic Methods for Clinical Research I	1:00-2:50 – MSCR 500 Biostatistics Azhar Nizam, MS	
3:10-5:00 – MSCR 530 Analytic Methods for Clinical Research I Matt Magee, PhD Credits: 3	ELECTIVE 3:10 – 5:00 – MSCR 596 Advanced Data Management in R Beau Bruce, MD, PhD Credits: 2	3:10-5:00 – MSCR 533 (Lab) Data Management (Companion Class with MSCR 500 and must be taken simultaneously) Azhar Nizam Credits: 2	3:10 – 5:00 (½ Semester): - MSCR 598 Big Data to Knowledge (BD2K) Turgay Ayer, PhD Credits: 1 (1/2 Semester): - MSCR 595 MSCR 595 – Health Services Research Fred Sanfilippo, MD, PhD Credits: 1	

SPRING SEMESTER

MSCR 591 – Community Engagement and Health Disparities in Clinical & Translational Research Instructors: Melanie Pearson, Rakale Quarells Credits: 1				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	
1:00-2:50 - MSCR 536 Analysis of Clinical Research Data Rachel Patzer, PhD Jessica Harding, PhD Credits: 2	1:00-2:50 – MSCR 534 Analytic Methods in Clinical and Translational Science Matt Magee, PhD Credits: 3	1:00-2:50 – MSCR 534 Lab	1:00 – 2:50 - MSCR 594A Scientific and Grant Writing for Clinical Research - for junior faculty members Janet Gross, PhD Russell Kempker, MD Credits: 1	
	1:00-2:50 – CPTR 502 CPTR STUDENTS ONLY Biostatistics for Translational Research Jose Binongo, PhD Credits: 2			
3:00-4:50 – MSCR 509 Overview of High Dimensional Data Analysis Amita Manatunga, PhD Credits: 2	3:00-4:50 – MSCR 592 Clinical and Translational Science Colloquium Henry M. Blumberg, MD Igho Ofofokun, MD, MS Credits: 1	3:00-4:50 – MSCR 520 Clinical Trial Design and Analysis Andi Shane, MD, MS Jeff Switchenko, PhD Credits: 2	3:00 – 4:20 - MSCR 593 Ethical, Legal, and Social Issues of Responsible Clinical Research John Banja, PhD; Arri Eisen, PhD Credits: 1	

MSCR 594B (for students who took MSCR 594A) - Scientific and Grant Writing for Clinical Research - Individual consultations with Dr. Janet Gross (continuation of MSCR 594A) - **Credits: 1**

Research Thesis Credits in Spring Semester Vary by Individual

SUMMER SEMESTER – Only Registered in Summer if Graduating in Summer Semester: Research Thesis Credits Vary by Individual