

**Course Requirements and Registration Priorities
School of Medicine (Master), Fall 2023**

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
SoM											
MMM											
1	MMMM 501	Molecular Basis of Infection	3	6				1 year Gr SOM Molecular Medicine			
2	MMMM 502	Molecular Basis of Cancer	3	6				1 year Gr SOM Molecular Medicine			
3	MMMM 503	Bioethics in Research: Principles and Practice	3	6				Molecular Medicine			
4	MMMM 504	Molecular Basis of Genetic Disease	3	6				1 year Gr SOM Molecular Medicine			
5	MMMM 603	Recombinant Drugs	3	6				Molecular Medicine			
6	MMMM 605	Developmental Biology	3	6				2 year Gr SOM Molecular Medicine			
7	MMMM 610	Natural Drugs	3	6				1 year Gr SOM Pharmacology and Toxicology, 2 year Gr SOM Molecular Medicine			
MPTOX											
8	MPTX 501	Organ system and common diseases	3	6				1 year Gr SOM Pharmacology and Toxicology			
9	MPTX 502	Cellular Communications	3	6				1 year Gr SOM Pharmacology and Toxicology			
10	MPTX 503	Principles of Pharmacology and Toxicology	3	6		MPTX 501 Organ system and common diseases (5841) (C and above)		1 year Gr SOM Pharmacology and Toxicology			
11	MPTX 505	Drug Discovery I	3	6		MPTX 503 Principles of Pharmacology and Toxicology (5843) (C and above)		1 year Gr SOM Pharmacology and Toxicology			
12	MPTX 506	Systemic Pharmacology II	3	6	MPTX 503 Principles of Pharmacology and Toxicology (5843) (C- and above) AND MPTX 504 Systemic Pharmacology I (5844) (C- and above)			2 year Gr SOM Pharmacology and Toxicology			

13	MPTX 601	Biostatistics and Critical Appraisal	3	6	MPTX 503 Principles of Pharmacology and Toxicology (5843) (C- and above) AND MPTX 505 Drug Discovery I (5845) (C- and above)			2 year Gr SOM Molecular Medicine, 2 year Gr SOM Pharmacology and Toxicology			
14	MPTX 602	Current Topics in Pharmacology and Toxicology	3	6	MPTX 503 Principles of Pharmacology and Toxicology (5843) (C- and above) AND MPTX 505 Drug Discovery I (5845) (C- and above)	MPTX 601 Biostatistics and Critical Appraisal (6342) (C- and above)		2 year Gr SOM Pharmacology and Toxicology			
15	MPTX 603	Introduction to Research Project	6	12	MPTX 503 Principles of Pharmacology and Toxicology (5843) (C- and above) AND MPTX 505 Drug Discovery I (5845) (C- and above)	MPTX 601 Biostatistics and Critical Appraisal (6342) (C- and above)		2 year Gr SOM Pharmacology and Toxicology			
16	MPTX 604E	Scientific Writing	3	6				1 year Gr SOM Pharmacology and Toxicology, 2 year Gr SOM Molecular Medicine			
17	MPTX 605	Natural Therapeutics	3	6							
MSMR											
18	MSMR 501	Musculoskeletal System	3	6				Sports Medicine and Rehabilitation			
19	MSMR 503	Exercise Genetics, Physiology and Endocrinology	3	6				Sports Medicine and Rehabilitation			
20	MSMR 504	Pharmacology in Sports and Rehabilitation	3	6				Sports Medicine and Rehabilitation			
21	MSMR 505	Exercise and Biomechanics	3	6				Sports Medicine and Rehabilitation			
22	MSMR 507	Management and Rehabilitation of Injury	4	8				Sports Medicine and Rehabilitation			
23	MSMR 510	Biostatistics and Epidemiology	3	6				Sports Medicine and Rehabilitation			
24	MSMR 603	Master Research Project	8	16				Sports Medicine and Rehabilitation			
25	MSMR 701	Ethics and Professionalism	3	6				Sports Medicine and Rehabilitation			
Public Health											
26	PUBH 501	Principles of Public Health Problem Solving	3	6				Public Health			
27	PUBH 511	Inferential Biostatistics	3	6				Molecular Medicine, Public Health, Sports Medicine and Rehabilitation			

28	PUBH 521	Principles of Analytical Epidemiology	3	6				1 year Gr SOM Public Health, 2 year Gr SOM Molecular Medicine	1 year Gr SOM Molecular Medicine, 2 year Gr SOM Public Health, Pharmacology and Toxicology, Sports Medicine and Rehabilitation		
29	PUBH 528	Qualitative Research Methods	3	6				Public Health			
30	PUBH 552	Principles of Health Economics and Policy	3	6	PUBH 551 Health Services Management, Health Economic and Health Policy (3696) (C and above)			Public Health			
31	PUBH 561	Graduate Research Seminar I	3	6				Public Health			
32	PUBH 599	Global Nutrition and Sustainability	3	6				1 year Gr SOM Public Health, 2 year Gr SOM Molecular Medicine			
33	PUBH 601	Health Education and Promotion	3	6				Public Health			
34	PUBH 633	Methods in Public Health	3	6				Public Health			
35	PUBH 681	Master's Project Planning	3	6				Public Health			