Molecular Cell Biology and Neuroscience DO/PhD Program Curriculum Schedule

YEAR	FALL	SPRING	SUMMER
SOM 1			Summer Medical Research Fellowship (SMRF): Required for PhD application
SOM 2			COMLEX I must be completed and passed AND highly encouraged 2nd SMRF
TBES 1	**MCBN Foundations I** 4	**MCBN Foundations II** 4	Summer Research in MCBN 6
	Quantitative Methods 2	Scientific Writing 2	SUMMER BENCHMARKS:
	Lab rotation A – MCBN (SMRF is Rotation A) 2 Lab rotation B – MCBN (09-16-24 to 11-01-24) 2 Lab rotation C – MCBN (11-04-24 to 12-20-24) 2 BENCHMARK: January 1 - Mutual Agreement with Mentor	Advanced Graduate Research 5	July 1 - Thesis Advisory Committee (TAC) nominated and approved September 1 – Advisory Proposal Meeting
	Responsible Conduct in Research Training 0	• *Choose lab during the spring semester* • *4th Lab rotation can be a new lab or the thesis mentor*	
	SEMESTER CREDITS *12*	*SEMESTER CREDITS* *11*	*SEMESTER CREDITS* 6
	CUMULATIVE CREDITS *12*	*CUMULATIVE CREDITS* *23*	*CUMULATIVE CREDITS* 29
TBES 2	Take 2 of the following: Neuroanatomy 2 Neurophysiology 2 Critical Readings in MCBN 2 Biomolecular Interactions 2 Advanced Emerging Topics in Biomed Sciences 2	Take 2 of the following: Neuropharmacology and Behavior 2 Research Topics in Neurobiology 2 Graduate Genetics 2 Advanced Emerging Topics in Biomed Sciences 2 Immunology*, Principles of Pharmacology* OR Antimicrobial Drugs* 3	Summer Thesis Research/PhD 6 BENCHMARK: July 1 – Qualifying Exam
	Advanced Graduate Research 5	Thesis Research/PhD 9	
	SEMESTER CREDITS *9*	*SEMESTER CREDITS* *13 or 14*	*SEMESTER CREDITS* 6
	CUMULATIVE CREDITS *38*	*CUMULATIVE CREDITS* *51 or 52*	*CUMULATIVE CREDITS* 57 or 58
TBES 3+	Thesis Research/PhD 9	Thesis Research/PhD 9	
	CUMULATIVE CREDITS *66 or 67*	*CUMULATIVE CREDITS* *75 or 76*	

KEY: **Foundation course**, Skill course, Focus course
Full time status: Fall/Spring Terms are 9 credits Summer Term is 6 credits
*Biomedical Science Program course