

Appendix 1: Suggested Study Plan for Full-time MSN student (1-year)

Study Plan A					
Sem	Courses				CUs
A	NS5001 Research Methodology and Ethics	NS5004 Molecular and Cellular Neuroscience	NS8002 Advanced Neuroscience	Electives from NS or BMS	15
	(3 CUs)	(3 CUs)	(3 CUs)	(9 CUs)	
B	NS5002 Neurobiology of Disease	NS5003 Neural Basis of Learning and Memory	Electives from NS		15
	(3 CUs)	(3 CUs)	(6 CUs)		
Total:					30

Study Plan B (Especially for those students planning to take NS6001)						
Sem	Courses					CUs
A	NS5001 Research Methodology and Ethics (3 CUs)	NS5004 Molecular and Cellular Neuroscience (3 CUs)	NS8002 Advanced Neuroscience (3 CUs)	Elective from NS or BMS (3 CUs)	NS6001 Research Project in Neuroscience (3 CUs)	15
B	NS5002 Neurobiology of Disease (3 CUs)	NS5003 Neural Basis of Learning and Memory (3 CUs)	Electives from NS (6 CUs)		NS6001 Research Project in Neuroscience (3 CUs)	15
Total:						30

Elective courses in Semester A:

- NS5007* Human and Artificial Intelligence (3 CUs)
- NS5008*# Neuropharmacology (3 CUs)
- NS6001 Research Project in Neuroscience (6 CUs)
- BMS8106 Stem Cell and Regenerative Medicine (3 CUs)
- BMS8110 Genomics and Bioinformatics (3 CUs)

Elective courses in Semester B:

- NS5005 Sensory and Motor Neuroscience (3 CUs)
- NS5006* Cognitive and Behavioral Neuroscience (3 CUs)
- NS5009* Ethical Application of Artificial Intelligence in Biological Sciences and Healthcare (3 CUs)
- NS6002 Advanced Computational Neuroscience (3 CUs)

Remarks:

- * Class will be scheduled in the evening in 2026/27.
- # Lab session will be scheduled on Saturday morning.