

Typical Curriculum¹ for the Neuroscience (NEU)

First Year - Fall	First Year - Spring	Second Year
Core I: Systems and Organizational Neurobiology (BSR1701)	Core II: Cellular and Molecular Neurobiology (BSR1702)	At least 6 elective credits ² to be chosen from: <ul style="list-style-type: none"> • Mathematical Modeling (G325) • Cellular Physiology and Ion Channels (G375) • Advanced Signal Transduction (G610) • Pharmacogenetics (G678) • Neurophysiology (G680) • Developmental Neurobiology (G685) • Neuroanatomy • Advanced Neuroanatomy (G690) • Neurobiology of Aging and Adult Development (G695)
Responsible Conduct of Research (BSR1003)	Core III: Neural Basis of Behavioral Plasticity and Cognitive Processes (BSR1703)	
Laboratory Rotation (BSR1006)	Laboratory Rotation (BSR1007)	NEU Seminar
Biostatistics (BSR1010)	Methods in Biomedical Sciences (BSR1011)	NEU Journal Club
NEU Journal Club (BSR4701)	NEU Journal Club	
Dean's Lecture Series (BSR5001)	Dean's Lecture Series (BSR5002)	Independent Research

¹ The Advisory Committee may recommend additional courses, based on the student's needs and area of interest.

² These will be chosen with the approval of the Advisory Committee.