

Neuroscience & Physiology

List of Courses

First Year Department Requirements:		CH
BIOL 66200	Ethics	1
BIOL 66300	Oral Presentations	1
BIOL 69500PD	Tchg Asst Prof Development (for students TAing)	1

Area Requirements

Scientific Writing (at least 1 ch)

MCMP 62500	Grant Writing	1
HORT 60300	Grant Writing	1

Quantitative Analysis in Biology (3ch)

BIOL 59500	Data Analysis in Neuroscience	3
BIOL 59500	Experimental Design & Quantitative Analysis in Life Sciences (offered	3
BIOL 59500	Methods & Measurements in Physical Biochemistry	3
STAT 50300	Statistical Methods of Biology	3
STAT 51200	Applied Regression Analysis	3

Advanced Topics Seminar (1ch)

BIOL 69600	Seminar in Neuroscience & Physiology	1
BIOL 69500	Neurological and Neuropsychiatric Disorder Seminar	

Area Approved Elective Courses (Total \geq 9ch)

1. Cellular and Molecular Neurobiology

BIOL 60200	Cellular Neurobiology	3
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2. Systems Neuroscience and Physiology (Total CH must \geq 3 CH)

BIOL 54200	Lab in Neurophysiology	1
BIOL 55900	Endocrinology	3
BIOL 59500	Data Analysis in Neuroscience	1
BIOL 59500	Neural Mech Health & Disease	3
BIOL 59500	Neurobiology of Learning & Memory	3
BIOL 56200	Neural Systems	3

3. General Neuroscience and Physiology (Total CH must \geq 3 CH)

No duplication of courses allowed		
BIOL 53800	Molecular, Cellular & Developmental Neurobiology	3
BIOL 54200	Lab in Neurophysiology	1
BIOL 55900	Endocrinology	3
BIOL 56200	Neural Systems	3
BIOL 59500	Data Analysis in Neuroscience	1
BIOL 59500	Neural Mech Health & Disease	3
BIOL 59500	Neurobiology of Learning & Memory	3
BIOL 62000	Advanced Topics in Eukaryotic Cell Biology	3
BIOL 69500	Microscopy for Life Scientists	2
BME 52800	Measurement & Stimulation of the Nervous System	3