NEU 366D. Synaptic Physiology and Plasticity.

Detailed study of the physiology of synaptic transmission in the mammalian central nervous system. Covers dendritic integration and various forms and mechanisms of synaptic plasticity. Three lecture hours a week for one semester. Only one of the following may be counted: Biology 337 (Topic: Synaptic Physiology and Plasticity in the Central Nervous System), 366D, Neuroscience 366D. Prerequisite: The following courses with a grade of at least C- in each: Mathematics 408D, 408L, or 408S; Neuroscience 330, 365R (or Biology 365R), or 366C; and Physics 303L, 316, or 317L.