Center for Neural Science
Doctoral Program in Neural Science

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Course Announcement, Spring Semester 2020

Visual Neuroscience

Instructors: Tony Movshon and Bob Shapley

Wednesdays, 2–5 pm, Room 636 Meyer

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The visual system is one of the most successful models for studies of higher brain function. This course will explore two aspects of visual neuroscience: First, the function of brain mechanisms that encode information about the form, color, motion, and depth of visual objects and scenes; and second, the mechanisms that decode this information to generate perceptual experience and visually-guided action.

The course will use a combined lecture and seminar format. Readings will be a mixture of primary source papers and review articles. Students will be expected to prepare a class presentation.

The course is open to doctoral students who have completed NEURL-GA 2202 (*Sensory and Motor Systems*), and to others by permission of the instructor.