## **Visual Neuroscience**

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 term paper and a class presentation.

The course is open to doctoral students who have completed NEURL-GA2202 (Sensory and Motor Systems), and to other graduate and undergraduate students by permission of the instructor.