

CLPS 0050B S01, Fall 2012

The Two Visual Systems: Visual Perception and Control of Action

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Textbook & Readings:

Sight Unseen: An Exploration of Conscious and Unconscious Vision, by Melvyn Goodale and David Milner, Oxford University Press, 2006.
Several journal articles provided during the semester.

Course Requirements: Participation in the class is absolutely mandatory with the exception of well motivated important circumstances. This seminar will have the structure of a Journal Club and the students will be the main actors in running this club. Typically, two journal articles will be discussed in class each time.

Presentations: The assigned articles will be presented by two students. Depending on the size of the class each student will end up presenting about once or twice during the semester. The presenting students will have the responsibility of extracting from the readings the relevant information in order to illustrate the content of the assigned articles with clarity.

Written Questions: Students who will not present will be asked to write three critical questions for each paper they will read. The questions will be considered the students' weekly homework assignment, and the students will be evaluated on the basis of the thoroughness with which the questions are formulated. Moreover, the students will ask these questions in class in order to stimulate discussion.

Grades will be established on the bases of:

- 1) Quality of student's presentation (30%)
- 2) Written questions and participation (70%)

CLPS 0050B: Schedule

9-10 Introduction
9-17 Action without perception
9-27 Perception without action
10-1 Modularity of the visual system
10-8 *Fall Weekend Holiday*
10-15 Evidence for two visual streams
10-22 Evidence for two visual streams
10-29 Evidence for two visual streams
11-5 Consciousness
11-12 Challenging the two visual-stream theory
11-19 Challenging the two visual-stream theory
11-26 Challenging the two visual-stream theory
12-3 Latest reviews