Fall 2015 Cognitive Science Courses

Information as of: 3/16/15 and may change. Before enrolling, please consult the online schedule of classes to confirm all information.

We expect no Philosophy distribution requirements to be offered, Spring 2016. Please plan accordingly.

Cog Sci 131 will be offered Fall 2015 not Spring 2016.

PRE-REQUISITES:

- Cog Sci 1: Intro to Cognitive Science (4) Regier
- Math 1A: Calculus (4)
- Math 16A: Analytic Geometry and Calculus (3) Paulin
- CS 61A: The Structure and Interpretation of Computer Programs (4) Denero
- Engin 7: Intro to Computer Programming for Scientists and Engineers (4) O’Connell
- MCB/Psych C64: Exploring the Brain: Intro to Neuroscience (3) Caporale
- Math 55: Discrete Mathematics (4) Gu
- CS 70: Discrete Mathematics and Probability Theory (4) Rao

DISTRIBUTION REQUIREMENTS:

- **Cognitive Neuroscience:**
  - Anthropology 107: Evolution of the Human Brain (4) Deacon
  - Cog Sci/Psych C127: Cognitive Neuroscience (3) Gallant
  - Psychology 133: Psychology of Sleep (3) Walker

- **Cognitive Psychology:**
  - Cog Sci C100/Psych C120: Basic Issues in Cognition (3)
  - Psych 164: Social Cognition (3) Kihlstrom

- **Computational Modeling:**
  - Cognitive Science 131: Computational Models of Cognition (4) Griffiths
  - CS 188: Intro to Artificial Intelligence (4) Russell

- **Linguistics:**
  - Ling 100: Intro to Linguistic Science (4) Garrett

- **Philosophy:**
  - Phil 136: Philosophy of Perception (4) Martin
  - Phil 141: Philosophy of Game Theory (4) Buchak

- **Society, Culture, and Cognition:**
  - Econ 119: Psychology and Economics (4) Acland
  - Educ 140AC: Literacy: Individual and Societal Development (3) Hull
  - Psych 160: Social Psychology (3) Chen
  - Psych 164: Social Cognition (3) Kihlstrom
ELECTIVES/CONCENTRATIONS:

- **Cognitive Neuroscience:**
  - MCB 160: Cellular and Molecular Neurobiology (4) Kramer
  - MCB 163: Mammalian Neuroanatomy (4) Roelink
  - MCB 166: Biophysical Neurobiology (3) Isacoff
  - Psych 110: Intro to Biological Psychology (3) Wallis

- **Cognitive Psychology**
  - Music 108 or 108M: Music Perception and Cognition (4)
  - Psych 101: Research and Data Analysis in Psychology (4)

- **Computational Modeling:**
  - CS 160: User Interface Design and Development (4) Paulos
  - CS 170: Efficient Algorithms and Intractable Problems (4) Garg
  - CS 186: Intro to Database Systems (4) Brewer
  - *CS C281A: Statistical Learning Theory (3) Bartlett
  - *CS 287: Advanced Robotics (3) Abbeel
  - *CS 289A: Intro to Machine Learning (4) Malik

- **Linguistics:**
  - Ling 106: Metaphor (4) Sweetser
  - Ling 110: Intro to Phonetics and Phonology (4) Lin
  - Ling 121: Logical Semantics (4)
  - Ling 123: Pragmatics (3) Lakoff
  - Ling 130: Comparative and Historical Linguistics (4) Holland
  - Ling 170: History, Structure, and Sociolinguistics of Particular Language (3) Holland

- **Philosophy:**
  - Phil 176: Hume (4) Stroud

- **Society, Culture, and Cognition:**
  - Anthro 160AC: Forms of Folklore (4) Briggs
  - *Educ 224A: Mathematical Thinking and Problem Solving (3) Schoenfeld
  - Ling 130: Comparative and Historical Linguistics (4) Holland
  - Ling 170: History, Structure, and Sociolinguistics of a Particular Language (3) Holland
  - Media Std 102: Effects of Mass Media (4)
  - MCB 160: Cellular and Molecular Neurobiology (4) Kramer
  - MCB 163: Mammalian Neuroanatomy (4) Roelink
  - MCB 166: Biophysical Neurobiology (3) Isacoff
  - Psych 167AC: Stigma and Prejudice (3) Mendoza-Denton
  - Rhetoric 103A: Approaches and Paradigms in the History of Rhetorical Theory (4) Naddaff
  - *Vision Science 265: Neural Composition (3) Olshausen

*Note: This is a graduate-level class. Consult with the sponsoring department.*