

- 189F. The International Relations of the United States and the Third World: 1945 to the Present.** *Mr. Clement.* Introduction to relations between the United States and Third World governments and societies since the end of World War II. Course places great importance on the critical perspectives of leaders in Africa, Asia and Latin America as they fought for independence from colonial powers. Also covers U.S. national security strategies and objectives in the Third World during and after the Cold War. Spring 2010.
- 190B. Senior Seminar in Comparative and International Politics.** *Ms. Crighton.* Topic: the politics of the global politics of identity, including ethnicity, nationalism and religion. Weekly papers and book discussions. Open to non-Politics majors. Prerequisite: 3 or 8 or equivalent. Each spring.
- 190C. Senior Seminar in Contemporary Politics and Theory.** *Mr. Seery.* Survey of readings in contemporary political theory, both European and American, with occasional overtures toward greater cosmopolitanism. Topics will include the politics of interpretation, science and technology, mass culture, postmodernism and deconstruction, feminist theory and feminist politics, democratic theory and reconstructed liberalism, multiculturalism and neo-conservatism. Open to non-politics majors. Each fall.
- 191. Senior Thesis.** *Staff.* A year-long independent research and writing project culminating in a substantial, original contribution to the study of politics. Requires special permission of a department faculty member who will supervise the project. Each year.
- 193. Senior Oral Examination.** *Staff.* Covers four topics chosen by the student in the fall semester. No credit. Spring 2010.
- 195. Subfield Specialization.** *Staff.* A coherent collection of five courses, including three of the nine courses required for the major and two additional courses, in one of the four subfields of politics. No credit. Requires advisor approval.
- 99/199. Reading and Research.** *Staff.* Prerequisite: permission of instructor. 99, lower-level; 199, advanced work. Course or half-course. May be repeated. Each semester. (Summer Reading and Research taken as 98/198.)

### Related Program

**Washington Semester Program.** The Claremont McKenna College Washington Semester Program is open to students from all The Claremont Colleges. Offered every semester, it provides an opportunity for first-hand study of American national politics.

## PSYCHOLOGY DEPARTMENT

Professor Richard Lewis, department chair

*Professors Banks, Buriel, Burke, Lewis, Thompson<sup>1</sup>*

*Associate Professors Goto, Smiley, Weekes*

*Assistant Professors Borelli, Holmes, Hurley*

*Lecturer Abdullatif*

The ability to engage in the critical analysis of ideas and evidence lies at the heart of the major in psychology. Critical thinking is a fundamental part of a liberal education, a valuable personal asset and a key to success in many professions, including medicine, business, law, social work, education and clinical and academic psychology.

Department faculty believe that firsthand experience in planning, performing and interpreting research is the best teacher of critical thinking. Consequently, many psychology courses have an associated laboratory; students are also encouraged to take the Independent Reading and Research courses (PSYC 99 and 199) and to seek out opportunities for

<sup>1</sup>On leave Fall 2009

research with faculty members. The capstone experience for majors is the completion of a senior thesis. The thesis is an independent, empirical research project in an area of special interest. It allows students to demonstrate their ability to develop and test hypotheses and to reflect on the significance of their research questions for psychological theory and application.

The department offers excellent facilities for research including a dedicated computer lab, a one-way vision room for observational research and a wide range of specialized equipment for work in cognitive psychology and neuroscience. Graduate schools in both clinical and experimental areas of psychology, not to mention many other fields of study, look for a strong laboratory background in their applicants.

Majors in psychology are also encouraged to practice the application of psychological science to the solution of human problems by participating in fieldwork in psychology, particularly if interested in pursuing a career in clinical or community psychology. Several courses have fieldwork components or involve critical analysis of contemporary social issues. Internship opportunities are also available through the Pomona College Internship Program.

The course of study in psychology enables students to develop a broad background in empirical findings and theories in psychological science as well as an understanding of change in the theoretical frameworks used to study human behavior. Students focus on critical analysis of the methods, ethics and significance of research in order to become critical consumers of knowledge and to understand how psychology can be applied to the solution of real world problems. The Psychology Major prepares students for life in a diverse society, by emphasizing the sociocultural context of behavior in courses throughout the curriculum. Several courses in the psychology curriculum contribute to the College's aspiration for students to engage in critical thinking about the dynamics of difference and power. Psychology coursework enables students to develop informational and technological literacy as well as skills in written and oral communication. The department also offers a minor in psychology.

Students may pursue the Psychology Major in conjunction with study in other Pomona programs and departments, as well as several intercollegiate departments, learning to integrate psychology with perspectives from related fields. Each such program or department has an advisor in the Psychology Department.

Psychology/public policy analysis is a joint major designed to integrate psychology with the study of how society formulates and implements public policy (Mr. Buriel).

Psychology/gender & women's studies is a joint major that focuses on critical analysis of existing knowledge of women and gender by examining accepted beliefs and introducing new theoretical frameworks (Ms. Burke).

Psychology participates in the Neuroscience Program to provide students with an interdisciplinary study of the nervous system and behavior (Mr. Lewis, Ms. Weekes).

Psychology participates in the Linguistics and Cognitive Science Major, whose cognitive science track is concerned with the human mind and the nature of intelligent activity (Mr. Banks, Ms. Burke).

Psychology faculty are co-appointed in and students may pursue joint majors with the intercollegiate departments of Asian American studies (Ms. Goto), Africana studies (Mr. Hurley) and Chicano/a-Latino/a studies (Mr. Buriel).

## Requirements for the Major in Psychology (PSYC)

1. Five core courses designed to provide a common foundation in basic knowledge, methods and theory:
  - a. 51, Psychological Approaches to the Study of People; 158, Statistics; and 159, Research Design and Methodology
  - b. Two laboratory courses from 143, Neuropsychology; 160, Perception and Cognition; 162, Memory

2. Culture, Ethnicity and Psychology requirement. One course from among the following: 84 CH, Psychology of the Chicano; 125 AF, Culture and Human Development; 150 AF, Psychology of the Black Experience; 151 CH, Psychology of Multicultural Education; 153 AA, Asian American Psychology
3. Electives. Three courses, each from a different one of the following areas: Social Issues, 78, 127 or 176; Child Psychology, 108 or 123; Abnormal Psychology, 131; Social Psychology, 154; Industrial/Organizational Psychology, 156. With the approval of the department chair, appropriate courses from other psychology departments in The Claremont Colleges may be used to meet elective requirements. The electives are intended to ensure a breadth of knowledge and prevent premature specialization.
4. Advanced Seminar. One advanced seminar from the 180 series. The advanced seminar is designed to provide depth in theory and methodology. Students are encouraged to take a seminar by the end of the junior year.
5. 185, Psychology: History, Science and Applications, an integrative course taken in the senior year
6. 191, Senior Thesis
7. Further recommendations for majors:
  - a. develop a program of research and conduct independent or collaborative research
  - b. seek out field placements and work experience in clinical settings
  - c. take core courses as early as possible
  - d. take more than three electives
  - e. sample psychology courses elsewhere at The Claremont Colleges
  - f. take the advanced seminar in the junior year in the planned area of the senior thesis
  - g. take more than one advanced seminar
  - h. take additional courses in mathematics, biology and other scientific fields. Students should consult with their advisor for the most appropriate course selection.

All courses for the major must be taken for a letter grade. A score of 4 or 5 on the AP exam in psychology may be substituted for the PSYC 51 requirement.

## Requirements for a Minor in Psychology

Six courses are required: 51 and 158; one laboratory course (selected from 143, 160 and 162), two electives and a seminar (selected from the 180 series).

Normally, up to two psychology courses that count toward a student's major can be used for the Psychology Minor. In order to ensure multiple areas of intellectual inquiry, a minor in psychology cannot be combined with a major in psych/public policy, psych/gender & women's studies or STS with an emphasis in psychology. Ms. Burke is the advisor for the minors.

All courses for the minor must be taken for a letter grade. A score of 4 or 5 on the AP exam in psychology may be substituted for the PSYC 51 requirement.

## Courses

*Psychology (PSYC) courses satisfy Area 2 of the Breadth of Study Requirements, except PSYC 158, which satisfies Area 5.*

- 51. Psychological Approaches to the Study of People.** *Staff.* A scientific approach to the understanding of human development, personality, motivation and cognition. Laboratory exercises designed to acquaint students with research techniques and basic principles of description and quantification. Each semester.
- 84 CH. Psychology of the Chicano/a.** *Mr. Burriel.* Selected topics in psychology dealing with various affective and intellectual aspects of Chicano behavior. The psychological development of Chicanos evaluated against traditional psychological theories and variations in Chicanos' sociocultural environment. Each fall.

- 108. Child Psychology.** *Ms. Smiley.* Explores the course of social and cognitive development from infancy through adolescence. Focuses on theories of development, as well as age and gender differences. Naturalistic and experimental observations of children's behavior and environments. Lecture, discussion, projects and internship. Prerequisite: 51. Each fall.
- 123. Language Development.** *Ms. Smiley.* Surveys the course of normal and atypical language development, as well as theoretical accounts of how development occurs. Focuses particularly on prelinguistic, phonological, semantic and syntactic aspects of development in young children, touching on bilingual acquisition. Social uses of language, including conversation and narrative in older children, are also covered. Prerequisite: 51 or LGCS 10 or 11. May not take both 123 and LGCS 123 for credit. Each spring.
- 125. Culture and Human Development.** *Mr. Hurley.* Situating the study of development in the context of culture has gained tremendous momentum recently. This course explores this movement. We will examine cross-cultural research, but the focus is not on cross-cultural appreciation. Methodological issues pertaining to research across cultures and theories important in culture and development will be explored. Prerequisite: 51. Each spring.
- 127. Psychology of Women.** *Ms. Burke.* Review and analysis of research on how gender influences behavior, including academic achievement, parenting, work, intimacy, emotion and sexuality. Analysis of sociocultural and biological explanations of sex and gender. Prerequisite: 51. Each fall.
- 131. Abnormal Psychology.** *Ms. Borelli.* Course will explore what is known about major mental disorders in terms of risk/protective factors, etiology, maintenance, and treatment. Psychodynamic, cognitive-behavioral, humanistic, physiological, feminist, and bio/psycho/social, theoretical perspectives on etiology and treatment will also be examined. Sociocultural issues that apply to all mental disorders. Emphasis on emerging research and case study material. Prerequisite: 51. Each fall.
- 143. Neuropsychology, with Laboratory.** *Mr. Lewis, Ms. Weekes.* Introduction to fundamentals of nervous system structure and function and their relationship to behavior. Exploration of neural aspects of sensation, perception, motivation, emotion, cognition and pathological behavior. Prerequisite: 51. Each fall.
- 150 AF. Psychology of the Black Experience.** *Mr. Hurley.* Facilitates students' understanding of Afro-American psychological experience. Critical review of historical and traditional approaches to the psychological study of Black people; examination of the contributions of the first three generations of Black psychologists who set the foundations for the current generation. Concludes with a look at Black psychology today and its influence on the mainstream of the field. Prerequisite: 51. Each fall.
- 151 CH. The Psychology of Multicultural Education.** *Mr. Buriel.* Examines educational theory, research and practice as it relates to the experience of Chicanos and other ethnic and linguistic minorities. Consideration of selected psychological processes that potentially explain the scholastic performance of these groups. Discussion of multicultural education as a movement of school transformation. Each spring.
- 153 AA. Asian American Psychology.** *Ms. Goto.* Introduces students to salient psychological issues of Asian Americans. Taking into account the social, cultural and historical context of the Asian American experience, addresses values and cultural conflict in values, stereotypes and self-perception, family and intergenerational issues, identity development, acculturation, marriage and gender roles, vocational development, psychopathology and delivery of mental health services. Each spring.
- 154. Social Psychology.** *Ms. Thompson.* Introduction to the psychology of social behavior—how people think about, influence and relate to one another: aggression, altruism, conformity, prejudice, attraction, social perception, errors in social judgment and attitudes. Prerequisite: 51. Each fall.
- 156. Industrial/Organizational Psychology: The Psychology of Work.** *Ms. Goto.* Introduction to the psychology of work. Topics include leadership, motivation, job satisfaction, performance evaluation, group processes, decision making and the cross-cultural work force. Each spring.

- 158. Introductory Statistics for Psychology.** *Ms. Smiley.* Introduction to probability, hypothesis testing, correlation and regression, analysis of variance and non-parametric techniques. Emphasis on the logic of statistical methodology as it applies to studies of behavior. Satisfies Area 5 of the Breadth of Study Requirements. Prerequisite: 51. Each spring.
- 159. Research Design and Methodology with Lab.** *Mr. Abdullatif.* Issues in research design and analysis. Experimental and non-experimental designs, internal and external validity. Scale construction and matters relating to test reliability and validity. Computer applications emphasized. Prerequisite: 158. Each fall.
- 160. Perception and Cognition with Lab.** *Mr. Banks.* Investigates the question of how we use patterns of physical energy to perceive the world. Covers topics from sensation to cognition, including music, language communication, disorders of perception, attention, unconscious perception and brain mechanisms in cognition. Prerequisite: 51 or LGCS11. Each spring.
- 162. Memory and Language with Lab.** *Ms. Burke.* Investigates the nature of human memory and how it interacts with language. Emphasis on architecture of memory systems from working memory to semantic memory and on memory processes in language comprehension and production. Evaluates research on how we remember, why we forget, memory without awareness and language and memory disorders. Prerequisite: 51 or LGCS11. Fall 2009, Spring 2011.
- 176. The Psychology of Health and Medicine.** *Ms. Thompson.* Psychological factors involved in health, illness and medical care. Scientific research on mind-body issues, health-promoting behaviors, coping with illness and physician/patient relationship. Topics include HIV disease, stress management, pain, grief and medical training. Students observe in health care setting to apply concepts covered in course. Prerequisite: 51. Each spring.
- 178. Research in Environmental Psychology.** *Ms. Thompson.* Psychological theory and research will be used to identify the causes of environmentally-relevant behavior and to learn how to change behavior to increase sustainability. The course involves seminar-style discussion, lecture, research experience and presentations. Prerequisite: 51. Spring 2010; offered alternate spring semesters.
- 180A. Seminar in Social and Emotional Development.** *Ms. Smiley.* Focus on social and emotional development from infancy through adolescence. Specific issues include attachment, temperament, emotion regulation, parenting, aggression, altruism, achievement, gender socialization and peer relations. Readings include classic and current journal articles, as well as contemporary books on childhood. Prerequisite: 108. Each fall.
- 180B. Seminar in Clinical Psychology.** *Ms. Borelli.* Relationships and Psychopathology Seminar. Critical review of the myriad ways in which relationships contribute to the development and maintenance of psychiatric disorders, as well as the ways in which relationships can be used in the treatment of psychiatric illness. The class will examine a broad range of relationships (parent-child, romantic, peer, sibling) across the lifespan for their association with diverse forms of psychiatric illness. Prerequisite: 131. Each fall.
- 180C. Seminar in Cultural Neuroscience.** *Ms. Goto, Mr. Lewis.* Critical reading and discussion of the theoretical and empirical literature depicting cultural differences in the brain and cognition with an eye toward understanding the neural mechanisms and cultural constructs involved, ultimately developing a theoretical framework for understanding how culture, the brain and behavior interact. Letter grade only. Prerequisite: 143 or cultural psychology course. Spring 2010; offered alternate years.
- 180D. Field Work in Clinical Psychology.** *Ms. Borelli.* Integration of theory with personal experience in a clinical or applied behavior setting. Practical training in listening skills and the observation and understanding of human behavior. Enrollment by permission only. Each spring.
- 180E. Seminar in Social Cognition.** *Ms. Thompson.* The psychology of humans as social beings with a focus on how we perceive, judge and think about ourselves and others. In-depth discussion of beliefs about justice, how we perceive the causes of behavior, the

- origins and effects of stereotypes and how to change them, social comparison, social errors, judgment heuristics and self-serving biases. Prerequisite: 154. Each spring.
- 180H. Seminar in Consciousness and Cognition.** *Mr. Banks.* What is the role of consciousness in perceiving, willing, thinking? How can the activity of a bunch of neurons result in conscious experience? Is free will consistent with deterministic neurophysiological processes in the brain? Seminar will cover recent approaches to these and related questions, with an emphasis on relevant scientific findings. Prerequisite: 160. Each fall.
- 180J. Seminar on Language, Memory and the Brain.** *Ms. Burke.* Current research on the interaction between brain and behavior in cognition. This year's focus is on emotion, its effect on cognition and its neural substrate. Review of both neuroimaging and cognitive behavior research that investigates the nature of emotion and how it affects attention, memory and language. Analysis of how aging and brain damage change emotional responses and the interaction of cognition and emotion. Prerequisite: 162 or LGCS 11. Each spring.
- 180M CH. Chicano/Latino Cultural Psychology.** *Mr. Buriel.* The cultural basis of Chicanos' and Latinos' psychology are examined in different areas, including immigration, acculturation, identity formation, family life and mental health. The immigrant student paradox in behavior and education will constitute a central theme of the seminar. Prerequisite: one ethnic studies psychology course. Letter grade only. Each spring.
- 180W. Biological Basis of Psychopathology.** *Ms. Weekes.* This seminar will investigate biological models for disorders traditionally defined as having a psychological origin. Biological models for depression, anxiety disorders, personality disorders and schizophrenia, among others, will be emphasized. Biological explanations will include theories of neurochemical and neuroanatomical deficits. Prerequisite: 131 or 143. Each fall.
- 180Z. The Social Brain.** *Mr. Lewis.* Explores the neural basis of human social interaction. Emphasis will be placed on analysis of the primary literature investigating social, environmental and cultural influences on human brain processes. Topics include attachment and love, attitudes, emotions, empathy, health and stress, imitation, moral reasoning, concepts of the self and stereotyping. Prerequisites: 143 or 154 or NEUR143. Spring 2011.
- 185. Psychology: History, Science and Applications.** *Mr. Buriel.* An overview and integration of psychology that examines its history, the nature of basic and applied research and theory in the field. Lecture, discussion and in-class presentations. Senior majors or permission of instructor. Each fall.
- 191. Senior Thesis.** *Staff.* An original empirical investigation completed under the guidance of a department faculty member and written in a journal-article format. Each fall.
- 99/199. Reading and Research.** *Staff.* Prerequisite: permission of instructor. 99, lower-level; 199, advanced work. Course or half-course. May be repeated. Each semester. (Summer Reading and Research taken as 98/198.)

*Students are advised to consult the listings of the psychology departments of the other Claremont Colleges, including Claremont Graduate University, for additional courses that complement the offerings at Pomona College.*