

# Department of Psychology

## Social and Behavioral Sciences Building, Room 425

(909) 537-5570 Department of Psychology website (<http://psychology.csusb.edu/>)

The general objectives of the Bachelor of Arts in Psychology are to present the scientific and professional aspects of psychology to the undergraduate majoring in this field and to provide service courses as electives for students throughout the university. Psychology majors may plan to apply the knowledge and skills provided by a broad psychology background to many diverse employment opportunities which do not require graduate training. The department also offers coursework leading to the Master of Arts or the Master of Science in Psychology. Students intending to enroll in these programs or another graduate school will find that the undergraduate program provides an excellent base for entry into graduate training.

There are two formal concentrations within the Psychology B.A. These are Biological Psychology and Industrial-Organizational Psychology. In declaring a major, students have three options. They can select **General Psychology (no formal concentration)**, **Biological Psychology**, or **Industrial-Organizational Psychology**.

Through regular advising and the guidance of our faculty, students who opt for the **General Psychology** degree will be able to create an individualized plan including an informal concentration in any of a number of subareas within psychology such as clinical/counseling psychology, social psychology, developmental psychology, cognitive psychology, and experimental psychology.

**Biological Psychology** represents a course of study focusing on the neurological and physiological bases of human behavior. You will study such things as the brain processes implicated in various psychological disorders, the neurological basis of addiction, and the specific ways in which psychotropic drugs influence the brain and behavior.

**Industrial/Organizational Psychology** concerns the psychology of the workplace. I/O psychologists are concerned with personnel selection, gender equity in work settings, understanding and improving relations between employer and employee, program evaluation, employee mental health, and many other issues regarding the interface between psychology and business.

## Departmental Honors

Students majoring in psychology are eligible to receive honors in psychology at graduation if the following conditions are met:

1. At least a 3.5 grade point average in the major;
2. An overall grade point average of 3.5 or better\*;
3. Completion of one WI designated course (typically fulfilled through GE) with a "B" or better prior to enrollment in the Honors Program;
4. Completion of PSYC 3311 with a "B+" or better prior to enrollment in the Honors Program;
5. Completion of the Application for Honors Program in Psychology, which includes a statement of purpose and approval of a faculty sponsor;

6. Completion of the two-semester Honors Program with a grade of "B" (3.0) or better each term:

PSYC 5597	Honors Seminar	3
PSYC 5598	Honors Project	3

Students interested in this recognition must file a formal application for enrollment in the Psychology Honors Program in their junior year.

Note that the qualifications above are ideal rather than absolute; students who fall short on one of the requirements may be considered on a case-by-case basis.

## Graduate Programs in the Psychology Department

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The **Master of Arts in Child Development** provides a program of study with courses selected from a variety of basic areas in human development and psychology that pertain to the study of children. Utilizing an interdisciplinary and applied focus, students will take courses in infant, child, and adolescent development; families and parenting; cognitive and language development; applications of developmental theory; and research methods.

The **Master of Arts in Psychological Science** provides a program of study with courses selected from a variety of basic areas in psychology. The program provides a broad background suitable for entry into doctoral programs in any area of psychology (e.g., social, cognitive, developmental, neuroscience, or clinical); or for employment that benefits from a Master of Arts degree in Psychology. A central component of the program is involvement in active research in some area of psychology under the guidance of the program faculty.

The **Master of Science in Clinical/Counseling Psychology** provides students with practical skills in counseling - through supervised training and experience - and a critical understanding of the relevant subject matter and the research evidence base. The program offers required course work designed to meet the educational requirements for licensure as a Marriage and Family Therapist (MFT) as outlined by the California Board of Behavioral Sciences. This is a full-time, day-time program designed to be completed in two years. The program culminates with either a thesis or comprehensive examination.

The **Master of Science in Industrial and Organizational Psychology** provides students with the skills to apply the principles and methods of psychology to organizations, public and private, and to settings where people are engaged in work. To be successful, the graduate must have developed knowledge and appreciation of psychological theory and research as they apply to organizations and people at work, and mastery of the measurement and research technologies which are commonly used in the discipline.

## Emerita

N. Laura Kamptner, Professor  
B.S. 1976, San Diego State University  
M.S. 1979, University of California, Davis  
Ph.D. 1984, Michigan State University

Janet L. Kottke, Professor

B.A. 1978, Wartburg College  
M.S. 1981, Ph.D. 1985, Iowa State University

## Current Faculty

Mark D. Agars, Professor  
B.A. 1992, Sienna College  
M.S. 1996, Ph.D. 1999, Pennsylvania State University

Dionisio Amodeo, Associate Professor  
B.A. 2006, CSU San Bernardino  
M.A. 2009, CSU San Bernardino  
Ph.D. 2015, University of Illinois at Chicago

Leslie Amodeo, Assistant Professor  
B.A. 2008, California State University, San Bernardino  
MA. 2010, California State University, San Bernardino  
Ph D. 2016, University of Illinois

Manijeh Badiee, Associate Professor  
B.A. 2002, Austin College  
M.A. 2007, Saint Edward's University  
Ph.D. 2012, University of Nebraska-Lincoln

Brittany Bloodhart, Assisant Professor  
B.A. 2005, University of Kansas  
M.S. 2009, Pennsylvania State University  
Ph.D. 2013, The Pennsylvania State University

Kelly Campbell, Professor  
B.A. 2000, M.A. 2003, University of British Columbia  
Ph.D. 2008, University of Georgia

David V. Chavez, Professor  
A.B. 1982, Harvard  
M.A. 1986, Ph.D. 1993, University of California, Berkeley

John P. Clapper, Professor  
B.A. 1983, State University of New York at Buffalo  
Ph.D. 1988, Stanford University

Cynthia A. Crawford, Professor  
B.A. 1985, Washington University  
M.A. 1989, Ph.D. 1992, University of Kentucky

Manpreet Dhillon Brar, Assistant Professor

Ismael Diaz, Associate Professor  
B.A. 2008, University of California, Riverside  
M.S. 2011, Ph.D. 2013, Texas A&M, College Station

Stacy Forcino, Assistant Professor  
B.A. 2003, University of California, Los Angeles  
M.S. 2008, Ph.D. 2010, Idaho State University

Donna Garcia, Professor  
B.A. 1999, Wilfrid Laurier University  
M.A. 2001, University of Guelph  
Ph.D. 2006, University of Kansas

Janelle Gilbert, Professor  
B.A. 1988, New York University  
M.A. 1990, Ph.D. 1994, George Mason University

Cari Goetz, Associate Professor, Associate Chair  
B.S. 2006, University of California, Los Angeles

Ph.D. 2014, University of Texas, Austin

Pablo Gomez, Associate Professor  
B.S. 1995, National University of Mexico  
M.S. 1999, Northwestern University  
Ph.D. 2003, Northwestern University

Christina Hassija, Professor, Chair  
B.A. 2004, California State University Northridge  
M.A. 2006, California State University Northridge  
Ph.D. 2011, University of Wyoming

Danelle Hodge, Lecturer  
B.A. 1994, California State University - San Bernardino  
M.A. 1998  
Ph.D. 2009, Claremont Graduate School

Danelle Hodge , Lecturer Professor  
B.A. 1994, Cal State San Bernardino  
M.A. 1998, Claremont Graduate University  
Ph.D. 2009, Claremont Graduate University

Jacob Jones, Associate Professor  
B.A. 2009, CSU Channel Islands  
M.S. 2012, University of Florida  
Ph.D. 2016, University of Florida

Hideya Koshino, Professor  
B.A. 1983, M.A. 1985, International Christian University, Tokyo  
Ph.D. 1994, University of Kansas

Michael Lewin, Professor  
B.A. 1983, State University of New York, Albany  
M.S. 1987, Ph.D. 1992, Oklahoma State University

Lisa Looney, Associate Professor

Sanders McDougall, Professor  
B.A. 1979, M.A. 1981, West Washington University  
Ph.D. 1988, University of Kentucky

Miranda McIntyre , Assistant Professor  
B.S. 2012, Central Michigan University  
M.S. 2015, Purdue University  
Ph.D. 2018, Purdue University

Stacey Morris, Assistant Professor

Jason Reimer, Professor  
B.A. 1993, M.A. 1996, University of Nebraska at Omaha  
Ph.D. 2001, University of Nebraska-Lincoln

Maria Santos, Assistant Professor  
B.A. 2008, University of California, Los Angeles  
M.S. 2013, University of Wisconsin, Milwaukee  
Ph.D. 2016, University of Wisconsin, Milwaukee

Kenneth S. Shultz, Professor  
B.A. 1984, State University of New York, College at Potsdam  
M.A. 1987, Ph.D. 1992, Wayne State University

Jodie B. Ullman, Professor  
B.A. 1980, M.A. 1989, Ph.D. 1997, University of California, Los Angeles

Amy Van Schagen, Associate Professor

B.S. 2007, M.S. 2013, Ph.D. 2016, University of North Carolina at Greensboro

Amanda S. Wilcox-Herzog, Professor, Chair  
B.A. 1988, University of California, Irvine  
M.Ed. 1992, Chapman University  
M.A. 1995, Ph.D. 1999, Purdue University

Eugene H. Wong, Professor  
B.A. 1986, University of California, Los Angeles  
M.A. 1989, Ph.D. 1991, University of California, Riverside

## Emeriti

Sybil Carrere, Professor, Associate Professor of Psychology

Yuchin Chien, Professor  
B.S. 1975, Chengchi University (Taiwan Intl.)  
M.S. 1979, Ph.D. 1983, Cornell University

Gloria A. Cowan, Professor

Robert Cramer, Professor

Stuart Ellins, Professor

Diane F. Halpern, Professor

Philip L. Herold, Associate Professor

Charles D. Hoffman, Professor

Kenton L. Monroe, Professor

Frederick A. Newton, Professor

M. Jean Peacock, Professor

Robert B. Ricco, Professor  
B.A. 1980, New York University  
Ph.D. 1987, Temple University

David M. Riefer, Professor, Assistant Dean  
B.A. 1975, University of California, Los Angeles  
Ph.D. 1981, University of California, Irvine

Matt L. Riggs, Professor  
B.A. 1979, Bethany College, KS  
M.S. 1986, Ph.D. 1989, Kansas State University

Ed Schneiderhan, Student Services Professional

Geraldine B. Stahly, Professor

Edward C. Teyber, Professor

Joanna Worthley, Professor

## Undergraduate Degrees

### Bachelor of Arts

Psychology (<https://catalog.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychology-ba/>)  
with concentrations in:

- Biological Psychology
- Industrial and Organizational Psychology Concentration

## Graduate Degrees

### Master of Arts

Psychological Science (<https://catalog.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychological-science-ma/>)

with concentrations in:

- General
- Behavioral and Cognitive Neuroscience

### Master of Science

Clinical/Counseling Psychology (<https://catalog.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychology-ms/>)

Industrial and Organizational Psychology (<https://catalog.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/industrial-organizational-psychology-ms/>)

### Minor

Psychology (<https://catalog.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychology-minor/>)

## Child Development Courses

### CD 2200. Child Development as a Major. Unit: 1

An introduction to the Child Development major at CSUSB including different areas of specialization and professional activities of those who obtain a degree in Child Development. This is an online course. Graded credit/no credit.

### CD 2201. Foundational Skills for Child Development Majors. Unit: 1

Semester Prerequisite: CD 2200

This course is designed to provide students with essential foundational skills necessary for achieving excellence as a Child Development major. To equip them with the tools and knowledge needed to succeed in the completion of their degree, students will engage in a broad exploration of such topics as effective writing, plagiarism prevention, academic integrity, APA style, critical analysis of information, and professional communication in an academic setting. By the end of the course, students will have enhanced skills that are critical for producing high-quality academic work and for establishing meaningful connections with faculty, students, and staff.

### CD 2205. Diversity in Child Development. Units: 3

Semester Prerequisite: CD 2240

Theories of cultural and ethnic diversity and their applications to child development. Emphasis will be given to the impact of diversity (culture, race, gender, age, ability, etc.) in professional settings involving children, the development of anti-bias activities, and advocacy. Formerly offered as HD 205.

**CD 2209. Health, Safety, and Nutrition. Units: 3**

Semester Prerequisite: CD 2240

Training in basic health, safety, nutrition, and disaster preparedness issues when caring for children (with and without special needs). Students will additionally be introduced to child abuse identification and prevention and caring for the mildly ill child.

**CD 2210. Introduction to Data Analysis in Child Development. Units: 4**

Semester Prerequisite: GE B4 Math/Quantitative Reasoning, CD 2240  
Techniques for the elementary analysis of quantitative and qualitative social data. Includes descriptive and inferential measures and tools to code and analyze qualitative data, as well as various ways to present results. Three hours lecture and two hours of laboratory. Materials fee required.

**CD 2215. Child, Family, and Community. Units: 3**

Semester Prerequisite: CD 2240. Quarter Prerequisite: HD 240, PSYC 201 or 240

An examination of children in a societal context focusing on the inter-relationship between school, family, and community. Emphasis will be given to historical and cultural factors which influence the family and children's subsequent socialization. Formerly offered as HD 215.

**CD 2240. Introduction to Child Development. Units: 3**

Comprehensive introduction to child development from conception through adolescence. Emphasis is on physical, cognitive social, emotional and language development. Previously offered as HD 240 and PSYC 240 and PSYC 2240. This course satisfies GE D3.

**CD 2244. Observation and Methods: Infant and Toddler Development. Units: 3**

Semester Prerequisite: CD 2240

Introduction to observational methodologies and techniques used in the study of infant and toddler behavior. Students will observe, record, analyze and interpret infant and toddler behavior as they relate to developmental principles, theories and current research. A minimum of 15 hours of child observation will be required.

**CD 2245. Observation and Methods: Preschool and Early School Age Development. Units: 3**

Semester Prerequisite: CD 2240

Introduction to observational methodologies and techniques used in the study of preschool and early school age behavior. Students will observe, record, analyze and interpret preschool and early school age behavior as they relate to developmental principles, theories and current research. A minimum of 15 hours of child observation will be required. Formerly offered as HD 245.

**CD 2246. Observation and Methods: School Age Development. Units: 3**

Semester Prerequisite: CD 2240

Introduction to observational methodologies and techniques used in the study of school age behavior. Students will observe, record, analyze and interpret school age behavior as they relate to developmental principles, theories and current research. A minimum of 15 hours of child observation will be required. Formerly offered as HD 246.

**CD 2247. Observation and Methods: Adolescent Development. Units: 3**

Semester Prerequisite: CD 2240

Introduction to observational methodologies and techniques used in the study of adolescent behavior. Students will observe, record, analyze and interpret adolescent behavior as they relate to developmental principles, theories and current research. A minimum of 15 hours of child observation will be required. Formerly offered as HD 247.

**CD 2250. Infant and Toddler Development. Units: 3**

Semester Prerequisite: CD 2240. Quarter Prerequisite: PSYC 100 and current TB test

An examination of prenatal, neonatal, and the physical, perceptual, social, emotional, language, and cognitive development of infants and toddlers through age two. Formerly offered as HD 270.

**CD 2251. Effective Interactions with Infants and Toddlers. Units: 3**

Semester Prerequisite: CD 2250. Quarter Prerequisite: HD 270

An examination of the importance of developmentally appropriate practice emphasizing the role of relationships, constructive adult-child interactions, designing group care settings, and positive child guidance with infants and toddlers. Professional practice with regard to advocacy, ethics, and professional identity will be explored as well. Formerly offered as HD 271.

**CD 2252. Infant and Toddler Activities and Programs. Units: 3**

Semester Prerequisite: CD 2251. Quarter Prerequisite: HD 270, 271 and 291

Methods, materials and activities appropriate in group care settings for infants and toddlers. Teaching strategies that support physical, social, emotional, language, creative, and cognitive development of infants and toddlers. Formerly offered as HD 272.

**CD 2260. Early Childhood Development. Units: 3**

Semester Prerequisite: CD 2240. Quarter Prerequisite: PSYC 100

An examination of the physical, social, emotional, and cognitive development of preschool and early school age children from age two to six. Formerly offered as HD 280.

**CD 2261. Effective Interactions with Preschoolers and Early School Ageds. Units: 3**

Semester Prerequisite: CD 2260. Quarter Prerequisite: HD 280

An examination of the importance of developmentally appropriate practice emphasizing the role of relationships, constructive adult-child interactions, designing group care settings, and positive child guidance with preschool and early school age children. Professional practice with regard to advocacy, ethics, and professional identity will be explored as well. Formerly offered as HD 281.

### **CD 2262. Preschool and Early School Age Activities and Programs. Units: 3**

Semester Prerequisite: CD 2261. Quarter Prerequisite: HD 281 and HD 291

Methods, materials, and activities appropriate in group care settings for preschoolers and early school age children. Teaching strategies that support physical, social, emotional, language, creative, and cognitive development preschooler and early school age children. Formerly offered as HD 282.

### **CD 2270. Middle Childhood Development. Units: 3**

Semester Prerequisite: CD 2240

An examination of the physical, social, emotional, and cognitive development of children in middle childhood (age 6 to 12).

### **CD 2275. Adolescent and Emerging Adulthood Development. Units: 3**

Semester Prerequisite: CD 2240

An examination of physical, cognitive, social, and emotional development during adolescence and emerging adulthood (age 12-25).

### **CD 2281. Effective Interactions with Infants and Toddlers: Laboratory. Units: 2**

Semester Prerequisite: Current immunizations (TB test, flu, pertussis, measles), proof of government issued ID, and training (mandated reporter and germ management)

Supervised experience focusing on developmentally appropriate practices in communicating and interacting with infants and toddlers and guiding child behavior. Materials fee required.

### **CD 2282. Infant and Toddler Activities and Programs: Laboratory. Units: 2**

Semester Prerequisite: Current immunizations (TB test, flu, pertussis, measles), proof of government issued ID, and training (mandated reporter and germ management)

Supervised experience focusing on planning, implementing, and evaluating curriculum activities with infants and toddlers. Materials fee required.

### **CD 2285. Effective Interactions, Activities, and Programs with School Age and Adolescent Children. Units: 3**

Semester Prerequisite: CD 2270 or CD 2275

An examination of the importance of developmentally appropriate practice with school-age and adolescent children. This will include the role of relationships, constructive adult-child interaction, and positive child guidance in addition to appropriate methods, materials, and activities. Emphasis will be given to strategies that support physical, social, emotional, language, creative, and cognitive development. Formerly known as CD 4405.

### **CD 2286. Interactions Lab: School Age and Adolescence. Units: 2**

Semester Corequisite: CD 2285

Supervised experience focusing on developmentally appropriate practices in communicating and interacting with school-age and adolescents and guiding behavior. This course requires 15 hours of seminar and 45 hours of clinical per term. Materials fee required. Formerly known as CD 4406.

### **CD 2287. Activities Lab: School Age and Adolescence. Units: 2**

Semester Prerequisite: CD 4405 and CD 4406 or CD 2285 and CD 2286  
Supervised experience planning, implementing, and evaluating curriculum activities with school-age and adolescent children. This course requires 15 hours of seminar and 45 hours of clinical per term. Formerly offered as CD 4407. Materials fee required.

### **CD 2291. Effective Interactions with Preschool and Early School Aged: Laboratory. Units: 2**

Semester Prerequisite: Current immunizations (TB test, flu, pertussis, measles), proof of government issued ID, and training (mandated reporter and germ management)

Semester Corequisite: CD 2261

Supervised experience focusing on developmentally appropriate practices in communicating and interacting with preschoolers and early school age children and guiding child behavior. Formerly offered as HD 291. Materials fee required.

### **CD 2292. Preschool and Early School Age Activities and Programs: Laboratory. Units: 2**

Semester Prerequisite: Current immunizations (TB test, flu, pertussis, measles), proof of government issued ID, and training (mandated reporter and germ management)

Semester Corequisite: CD 2262

Supervised experience focusing on planning, implementing, and evaluating curriculum activities with preschoolers and early school age school children. Formerly offered as HD 292. Materials fee required.

### **CD 3302. History of Childhood. Units: 3**

Historical survey of childhood within the contexts of family and society. Formerly offered as HD 302.

### **CD 3303. Parenting and Family Relations. Units: 3**

Semester Prerequisite: CD 2240

Examination of parenting and intra-family relations on child development and the linkage between family processes and the broader social environment.

### **CD 3304. Play and Effective Practice with Children. Units: 3**

Semester Prerequisite: CD 2240. Quarter Prerequisite: PSYC 201 (or equivalent) or HD 280 or PSYC 280

Examination of theory and research focused on the utility of play based approaches to development and learning. Formerly offered as HD 304.

### **CD 3305. Language Development. Units: 3**

Semester Prerequisite: CD 2240

Language development from childhood through adolescence and early adulthood.

### **CD 3306. Early Childhood Special Education. Units: 3**

Semester Prerequisite: CD 2240, CD 2250 or CD 2260, and CD 2244 or 2245 or 2246

Examines early childhood special education including issues related to policy/legislation, identification, characteristics, inclusion, and the role of family will be addressed. Professional practice, ethics, IFSPs, and making adaptations to planning activities and the physical environment to the needs of every child will be explored.

**CD 3310. Applied Research Methods. Units: 3**

Semester Prerequisite: CD 2210

Overview of applied research methods in child development. Emphasis on the use of applied methods, their analyses, and scientific writing. Topics may include quasi-experimental design, correlational design, behavioral observation, archival analysis, single-case methodology, survey methodology, research ethics, library research strategies, and writing research reports. Formerly offered as PSYC/HD 310 and PSYC 3310.

**CD 3324. Developmental Psychobiology in Childhood. Units: 3**

Semester Prerequisite: CD 2240

Psychobiological bases of human behavioral development throughout childhood. Formerly offered as PSYC/HD 324 and PSYC 3324.

**CD 3350. Development of Exceptional Children. Units: 3**

Review of theory, assessment, management, and rehabilitation of exceptional children. Includes developmental implications of specific educational disabilities, intellectual disabilities, and learning disabilities. Formerly offered as PSYC 350 and PSYC 3350.

**CD 3358. Cognitive Development. Units: 3**

Semester Prerequisite: CD 2240

Cognitive development from childhood through adolescence and early adulthood.

**CD 3384. Social and Emotional Development. Units: 3**

Social and emotional development from childhood through adolescence and early adulthood.

**CD 4450. Child Assessment. Units: 3**

Semester Prerequisite: CD 2210 and CD 2240

This course provides a comprehensive introduction to the theory and practice of psychoeducational and neuropsychological assessment. Students will learn how to administer, score, and interpret a variety of standardized assessment tools commonly used in educational and clinical settings. They will develop essential skills in analyzing assessment data to identify strengths, weaknesses, and areas for intervention in individuals with diverse learning needs. This course also examines the ethical and cultural considerations in assessment practices, ensuring that students are equipped to conduct evaluations in a fair and unbiased manner and make informed decisions for students that are based on assessment findings. Material fee required. Equivalent to CD 4400, cannot receive credit for both courses.

**CD 4498. Advanced Child and Family Development. Units: 3**

Semester Prerequisite: CD 2210 and CD 3310

Theories and empirical research of child and family development. Design and execution of a research project. Satisfies WI designation. Formerly offered as HD 480 and CD 3398.

**CD 5110. The Development of Young Children. Units: 3**

This course covers the development of children from birth to age 8. This is accomplished by reviewing prominent theories of early childhood development, outlining developmental milestones of typically developing children aged 0 to 8, talking about individual and contextual factors that influence these milestones, and reviewing methods for studying the development of young children. Consent required.

**CD 5115. Educational Psychology, Social Justice, and Diversity. Units: 3**

This course is designed to explore the intersection of educational psychology principles with issues of social justice and diversity in educational settings. This course delves into the psychological aspects of learning and development, understanding the influence of individual differences, and critically examining the impact of socio-cultural factors on educational outcomes. Students will explore theoretical frameworks, empirical research, and practical applications to promote inclusive and equitable learning environments. Consent required.

**CD 5120. Cognition and Brain Development. Units: 3**

This course explores the field of cognition and brain development in young children. Through a multidisciplinary approach that integrates education, neuroscience, and psychology, students will gain a comprehensive understanding of how cognitive processes emerge and evolve during the critical early years of childhood. This course emphasizes theories and research related to cognition and brain development, the practical implications of work in this field, and how information on cognition and the brain can inform caregiving practices in early childhood settings. Consent required.

**CD 5125. Language and Literacy Development. Units: 3**

This course provides a comprehensive exploration of language and literacy development in young children (ages 0 to 8). Key language development milestones in infancy, toddlerhood, preschool, kindergarten, and the early elementary grades will be studied. Students will gain an understanding of the processes involved in language acquisition, literacy development (reading and writing), and the reciprocal relationship between language, reading, and writing. Further, contextual factors that promote or hinder development will also be explored, and students will learn to create effective literacy-rich environments and develop strategies to support diverse learners in their language and literacy growth. Consent required.

**CD 5130. Effective Interactions with Young Children. Units: 3**

This course presents a developmental, relationship-based, child-centered approach to the guidance and discipline of young children, including children with disabilities. Specifically, we will discuss influential theories, effective guidance methods for early education teachers and other professionals working with children, and communication with parents. The influence of ACES, trauma, and stress in the lives of children and trauma informed care strategies will also be addressed. Emphasis on facilitating children's social and emotional development will be woven throughout. Consent required.

### **CD 5135. Early Childhood Curriculum and Programs. Units: 3**

This course is designed to help you gain a better understanding of designing and implementing an integrated curriculum in early education. Early childhood education refers to the education and care of children aged birth through eight. In this course we will be discussing how to plan appropriate educational programs for children ages 3-8. Specifically, in this course we will focus on ways to plan and implement developmentally appropriate activities, understand and practice the teacher's role in facilitating learning through play, and coordinate, sequence, and evaluate curricula. Emphasis will be placed on active exploration and learning. Consent required.

### **CD 5140. Authentic Assessment & Special Education of Young Children. Units: 3**

The purpose of this course is to understand the special education system in the State of California for children aged 3-8 in addition to how to assess both typically and atypically developing children in early education classrooms (PK through grade 3). For special education, this course will focus on issues related to policy/legislation, identification, characteristics, inclusion, the role of family, IEPs, and creating classroom adaptations for children. For assessment, students will develop essential skills in analyzing assessment data to identify strengths, areas of improvement, and intervention for individuals with diverse learning needs. These topics will be considered through an ethical and cultural lens, ensuring that students are equipped to analyze and utilize data in a fair and unbiased manner. Finally, this course will address working in collaboration with other professionals to best serve children in educational settings. Consent required.

### **CD 5145. Methods of Research. Units: 3**

This course is designed to provide educators with the knowledge and skills to engage in action research within their teaching environments. Action research allows educators to actively investigate, reflect upon, and improve their teaching practices. Students will learn how to identify educational challenges, design research questions, collect and analyze data, and implement meaningful changes in their classrooms. Consent required.

### **CD 5531. Effective, Inclusive, and Equitable Practices with Children. Units: 3**

Semester Prerequisite: Graduate standing in the Child Development MA Program or consent of the instructor

This course provides students with an in-depth understanding of effective developmentally appropriate guidance and educational strategies with children from infancy through adolescence. This course will examine effective practices including theoretical and practical implications of societal, historical and interpersonal oppressions as they impact children, families, programs, classrooms, and teaching. Using evidence-based strategies, the course will involve critical self-examination and reflection on issues of social and educational equity as well as advocacy towards inclusion. Formerly offered as CD 531 and CD 532.

### **CD 5575. Advanced Practicum Experience. Units: 3**

Semester Prerequisite: CD 2282, CD 2292, or CD 2877

Supervised work and study in private and public organizations serving children and families. Arrangements for the internship must be made during the semester preceding the semester in which the student plans on enrolling in this course (see Department Website).

### **CD 5697. Honors Seminar. Units: 3**

Semester Prerequisite: CD 3310, CD 3398, and consent of department  
Students develop an independent research project under the direction of a faculty mentor. Students meet as a class with the Program Director to discuss their projects and professional development topics including research ethics, oral and written presentation of their thesis projects, graduate school applications, and career directions. Enrollment is limited to students whose formal application for departmental honors is approved.

### **CD 5698. Honor's Project. Units: 3**

Semester Prerequisite: CD 5697 and department consent  
Students complete an independent research project under the direction of a faculty mentor. Enrollment is limited to students whose formal application for departmental honors is approved. May not be used to satisfy the requirements of the child development major.

### **CD 5710. Leadership in Early Childhood Education. Units: 3**

Learn about leadership skills that can be applied to the early childhood education setting. Specifically, you'll have the opportunity to assess your own leadership style and how to use your strengths to serve others. Discuss common challenges within leading in an early childhood program and strategies to problem solve. Understand how to set goals with specific steps to reaching the goals.

### **CD 5715. Entrepreneurship & Small Business Management. Units: 3**

Learn what is entrepreneurship and how it connects to early childhood care and education. Begin to identify your own entrepreneurial mindset. Examine typical challenges of business ownership. Learn vital small business skills such as legal considerations, how to make data-driven decisions, and strategies to be fiscally sustainable early childhood programs.

### **CD 5720. Early Childhood Administration & Community Engagement. Units: 3**

Identify methods of employee performance appraisals. Examine considerations for hiring and job descriptions. Consider key components of creating mission statements and program philosophies. Examine the importance of high quality work environments and compensation for employees. Learn strategies and benefits to community engagement.

### **CD 5725. Mentoring and Adult Supervision. Units: 3**

Learn different methods of mentoring. Use your leadership style, identified in previous courses, to connect with mentoring adults. Discuss common challenges of adult supervision. Learn how to provide effective feedback and ways to track mentee progress. Learn strategies to support adults in developing and achieving goals.

### **CD 5730. Impact of Trauma on Child Development. Units: 3**

This course will provide an opportunity for students to gain an in-depth understanding of trauma and Adverse Childhood Experiences (ACE) and their impact on child development. Specifically, young children's responses to trauma, and implications for mental health and stress response. In addition to the impact of trauma on child development, this course will provide an understanding of how trauma impacts the systems in which children develop. Students will have an opportunity to self-reflect on their own potential trauma and ACEs.

**CD 5735. Trauma Informed Care Using a Safety Based Approach. Units: 3**

This course will use a safety-based and resiliency perspective. Students will learn what is Trauma Informed Care. Students will have an opportunity to examine how to create safe environments so children feel comfortable to learn and explore. The course will provide clear strategies for building trusting relationships with children as well as considerations for room design and materials.

**CD 5740. Trauma Informed Care in Practice. Units: 3**

This course is the final in the certificate program and focuses on examining Trauma Informed Care in action. Students will learn evidence-based strategies for working with young children who may have experienced trauma. There will be opportunities to practice TIC using scenarios and interactive assignments. Students will identify key resources in their community that can support trauma informed care. This course will discuss and provide coping skills for compassion fatigue.

**CD 5821. Special Topics in Child Development. Unit: 1**

Quarter Prerequisite: upper division or graduate standing  
An intensive study of selected topics related to child development. May be taken three times for three units.

**CD 5822. Special Topics in Child Development. Units: 2**

Quarter Prerequisite: upper-division or graduate standing  
An intensive study of selected topics related to human development. May be taken three times for six units.

**CD 5823. Special Topics in Child Development. Units: 3**

Quarter Prerequisite: upper-division or graduate standing  
An intensive study of selected topics related to child development. May be taken two times for six units.

**CD 5952. Independent Study. Units: 2**

Quarter Prerequisite: A minimum overall grade point average of 3  
Special topics involving literature or field study. May be taken four times for eight units. A total of eight units of CD 5952 may be applied toward graduation, of which a maximum of four units can be applied toward upper-division elective requirements in the major.

**CD 5953. Independent Study. Units: 3**

Quarter Prerequisite: A minimum overall grade point average of 3  
Special topics involving literature or field study. May be taken two times for six units. A total of six units of CD 5953 may be applied toward graduation, of which a maximum of three units can be applied toward upper-division elective requirements in the major.

**CD 6124. Advanced Academic Writing. Units: 4**

Semester Prerequisite: Graduate standing in the Child Development MA Program and consent of the department. Quarter Prerequisite: graduate standing and consent of psychology department  
Designed for students who will be completing the comprehensive exam as their chosen culminating experience in the MACD program, this course will help students further develop their writing skills by focusing on organization, word choice, editing, APA style, and summarizing and synthesizing research findings. The ability to use writing to articulate evidence-based reviews, positions, ideas, and summaries is fundamental to effective leadership across child development and education fields. Using the metaphors of conversation and storytelling, this course will frame academic writing, not as a product, but rather as a process and a practice that go beyond successful completion of a comprehensive exam. This process and practice will be discussed as critical to the interpretation and development of research and academic commentary for the purposes of (a) advocacy for children and families and (b) translation of evidence-based information for practitioner use.

**CD 6614. Advanced Theories of Child Development. Units: 3**

Semester Prerequisite: Graduate standing and consent of the department. Quarter Prerequisite: classified standing in the M  
Overview of major child development theories. Graduate standing and consent of the department are required. Formerly offered as CD 614.

**CD 6624. Advanced Developmental Neuroscience. Units: 3**

Semester Prerequisite: Graduate standing and consent of the department. Quarter Prerequisite: Graduate standing  
Survey of the psychobiological foundations of human behavioral development throughout the lifespan. Special emphasis on the neurobiological bases of developmental disorders and the integration of relationships between behavior and biological processes including genes, physiology, and the environment. Graduate standing and consent of the department are required. Formerly offered as CD 624.

**CD 6630. Teaching of Child Development. Units: 3**

Semester Prerequisite: Classified graduate standing in Child Development and consent of department  
Instructional methods for teaching of child development at the college level.

**CD 6640. Advanced Research Methods. Units: 3**

Semester Prerequisite: Classified graduate standing and department consent required  
Advanced child development research methods; research design and underlying methodological issues in analyzing interpersonal interaction and developmental processes.

**CD 6641. Advanced Data Analysis in Quantitative Methods. Units: 3**

Semester Prerequisite: Classified graduate standing and consent of the department  
An overview and applications of data analysis methods in quantitative inquiry (e.g. survey research, assessments) with an emphasis on both descriptive and inferential statistics, including correlation, regression, t-test, and ANOVA.



### **CD 6642. Advanced Data Analysis in Qualitative Methods. Units: 3**

Semester Prerequisite: Classified graduate standing and consent of department

An overview and application of data analysis methods in qualitative inquiry (e.g. open-ended interviews, focus groups) with an emphasis on documentation of methods, analytic frameworks and tools for analysis, and representation of findings.

### **CD 6648. Advanced Social-Emotional Development. Units: 3**

Semester Prerequisite: Graduate standing and consent of the department.  
Quarter Prerequisite: Graduate standing

Research and theories of social and emotional development from birth to adolescence. Emphasis on major facets of social-emotional development. Graduate standing and consent of the department are required. Formerly offered as CD 648.

### **CD 6651. Advanced Cognitive Development. Units: 3**

Semester Prerequisite: Graduate standing and consent of the department.  
Quarter Prerequisite: Graduate standing

Research theory in the development of perception, language, memory, problem solving, reasoning, and other cognitive processes from birth through adolescence. Includes allied disciplines such as the brain sciences and applications to the field of education. Graduate standing and consent of the department are required. Formerly offered as CD 651.

### **CD 6659. Advanced Childhood Assessment. Units: 3**

Semester Prerequisite: Graduate standing and consent of the department.  
Quarter Prerequisite: Graduate standing

Overview of major approaches to developmentally appropriate childhood assessment practices. Graduate standing and consent of the department are required. Formerly offered as HD 659.

### **CD 6690. Advanced Families and Parenting. Units: 3**

Semester Prerequisite: Graduate standing and consent of the department.  
Quarter Prerequisite: classified graduate standing

A review of research on selected topics related to family and parenting issues, and the relation of such to child development. Graduate standing and consent of the department are required. Formerly offered as CD 690.

### **CD 6823. Advanced Special Topics in Child Development. Units: 3**

An intensive study of selected topics related to child development. May be taken two times for six units.

### **CD 6892. Externship in Child Development. Units: 2**

Quarter Prerequisite: PSYC 640 and consent of psychology department  
Supervised fieldwork, relating to child development, in a public or private setting for additional training and extension of skills developed in the graduate program. With the approval of the student's advisor and the department chair, may be taken two times for four units. Graded credit/no credit. Formerly HD/CD 689B.

### **CD 6893. Externship in Child Development. Units: 3**

Quarter Prerequisite: PSYC 640 and consent of psychology department  
Supervised fieldwork, relating to child development, in a public or private setting for additional training and extension of skills developed in the graduate program. With the approval of the student's advisor and the department chair, may be taken two times for six units. Graded credit/no credit. Formerly HD/CD 689C.

### **CD 6894. Externship in Child Development. Units: 4**

Quarter Prerequisite: Classified graduate standing and consent of the department  
Supervised fieldwork, relating to child development, in a public or private setting for additional training and extension of skills developed in the graduate program. With the approval of the student's advisor and the department chair, may be taken two times for eight units. Graded credit/no credit. Formerly offered as HD/CD 689D.

### **CD 6895. Externship in Child Development. Units: 5**

Semester Prerequisite: Graduate standing in the Child Development MA Program, approval by a faculty supervisor, and consent of the department.  
Quarter Prerequisite: PSYC 640 and consent of psychology department  
Supervised field work, relating to child development, in a public or private setting for additional training and extension of skills developed in the graduate program. Graded credit/no credit. Formerly offered as HD/CD 689E.

### **CD 6952. Advanced Independent Study. Units: 2**

Quarter Prerequisite: PSYC 640 and consent of psychology department  
Advanced research on a specific topic selected by the student with the approval of the student's advisor. Graduate standing in the Child Development MA Program and consent of the department are required. With the approval of the student's advisor and the department chair, may be taken two times for four units. Formerly HD 611B, CD 611B.

### **CD 6953. Advanced Independent Study. Units: 3**

Quarter Prerequisite: PSYC 640 and consent of psychology department  
Advanced research on a specific topic selected by the student with the approval of the student's advisor. Graduate standing in the Child Development MA Program and consent of the department are required. With approval of the student's advisor and the department chair, may be taken two times for six units. Formerly HD/CD 611C.

### **CD 6954. Advanced Independent Study. Units: 4**

Quarter Prerequisite: PSYC 640 and consent of psychology department  
Advanced research on a specific topic selected by the student with the approval of the student's advisor. Graduate standing in the Child Development MA Program and consent of the department are required. With the approval of the student's advisor and the department chair, may be taken two times for eight units. Formerly HD/CD 611D.

### **CD 6955. Advanced Independent Study. Units: 5**

Quarter Prerequisite: PSYC 640 and consent of psychology department  
Advanced research on a specific topic selected by the student with the approval of the student's advisor. Graduate standing in the Child Development MA Program and consent of the department are required. With the approval of the student's advisor and the department chair, may be taken two times for 10 units. Formerly HD/CD 611E.

### **CD 6964. Graduate Project. Units: 4**

Semester Prerequisite: Classified graduate standing, advancement to candidacy, and consent of the department. Quarter Prerequisite: PSYC 611, PSYC 640, advancement to candidacy and consent of instructor  
Preparation and implementation of a project based on a thorough review of theory and empirical research under the guidance of an advisor in the Department of Child Development. Includes completion of a written document containing the elements described above and a formal defense. Formerly offered as HD/CD 695.

### **CD 6974. Thesis. Units: 4**

Quarter Prerequisite: HD 640 or PSYC 641, advancement to candidacy, and consent of psychology department  
Independent graduate research conducted under the guidance of the major advisor and resulting in a written thesis. Formerly offered as CD 699.

### **CD 6980. Comprehensive Examination. Units: 0**

Semester Prerequisite: Classified standing in the MA Child Development Program, advancement to candidacy, and consent of the department.  
Quarter Prerequisite: advancement to candidacy and consent of psychology department, completion of coursework in the MA  
An assessment of the student's ability to integrate the knowledge of the area, show critical and independent thinking and demonstrate mastery of the subject matter. Course may be repeated for credit two times for a total of zero units. Graded credit/no credit. Formerly offered as HD/CD 699.

### **CD 6990. Continuous Enrollment for Graduate Candidacy Standing. Units: 0**

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies  
Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

## **Psychology Courses**

### **PSYC 1100. Introduction to Psychology. Units: 3**

A survey of the field of modern psychology. Topics include the neurological bases of behavior and mental experience; learning and memory; sensation and perception; consciousness and higher-order thinking (problem-solving, reasoning, decision-making); the emotions and motivation; social aspects of behavior; human development, and psychological disorders and treatments. Satisfies GE Category D3. Formerly PSYC 100.

### **PSYC 1101. Psychology as a Major. Units: 2**

Semester Prerequisite: PSYC 1100. Quarter Prerequisite: PSYC 100  
An introduction to the psychology major at CSUSB including different areas of specialization and professional activities of psychologists. This is an online course. Graded credit/no credit. Formerly offered as PSYC 101.

### **PSYC 1105. Critical Thinking in Everyday Life. Units: 3**

Development of basic skills in critical thinking including identifying and understanding common fallacies, recognizing techniques of persuasion and propaganda, problem solving strategies, decision-making, and applying skills of critical thinking to the complex issues of everyday life. Satisfies GE Category A3. Formerly offered as PSYC 105.

### **PSYC 1115. Personal Adjustment and Growth. Units: 3**

Application of psychological principles to predictable challenges and problems over the life span. Explores opportunities for adjustment and growth in a variety of circumstances, such as family and college life. May not be counted toward fulfillment of requirements in the psychology major. Satisfies GE Category E. Formerly offered as PSYC 115.

### **PSYC 1120. Career Development. Unit: 1**

Examination of theories of career development and exploration of career aspirations and goals, including self assessments. Formerly offered as PSYC 120.

### **PSYC 2201. Developmental Psychology. Units: 3**

Semester Prerequisite: PSYC 1100. Quarter Prerequisite: PSYC 100  
Introduction to the psychological development of the person from the prenatal period through old age. Formerly offered as PSYC 201.

### **PSYC 2210. Psychological Statistics. Units: 4**

Semester Prerequisite: GE B4 Math/Quantitative Reasoning and PSYC 1100  
Introduction to statistical reasoning and application of basic statistical procedures in psychology. Includes both descriptive and inferential statistics with emphasis on parametric techniques. Three hours lecture and two hours of laboratory. Materials fee required. Formerly offered as PSYC 210.

### **PSYC 2211. Introduction to Psychological Research. Units: 3**

Semester Prerequisite: PSYC 1100  
Introduction to the science of psychology and its research methods. Topics include the philosophy of science, scientific thinking and reasoning, correlation vs. causation, threats to validity, formulating testable research questions and hypotheses, basic concepts of research design, and research ethics.

**PSYC 2220. Brain and Behavior. Units: 3**

Semester Prerequisite: PSYC 1100

Introduction to brain science, including nervous system structure, function, and interaction with other biological systems. Examination of the complex relations among biology, cognition, and behavior.

**PSYC 3300. Positive Psychology. Units: 3**

Exploration of theories and empirical research related to positive psychology. Topics include values, human strengths, health, positive thinking, happiness, gratitude, and close relationships. Formerly offered as PSYC 300. Semester Prerequisite: PSYC 1100.

**PSYC 3301. Psychology of Human Sexuality. Units: 3**

Theory and empirical findings from the areas of clinical, developmental, evolutionary, physiological, and social psychology as they apply to human sexual psychology and behavior. Formerly offered as PSYC 301. Semester Prerequisite: PSYC 1100.

**PSYC 3303. Parenting and Family Relations. Units: 3**

Semester Prerequisite: PSYC 2201 or PSYC/CD 2240. Quarter Prerequisite: PSYC 201 or HD 240

Effects of parenting and intra-family relations on child and life-span psychological development. Formerly offered as PSYC 303.

**PSYC 3305. Language Development. Units: 3**

Semester Prerequisite: PSYC 2201 or PSYC/CD 2240. Quarter Prerequisite: PSYC 201 or PSYC/HD 240

An introduction to theory and research on the psychological study of language and language development. Topics include speech perception, phonology, morphology, semantics, syntax, and pragmatics. Formerly offered as PSYC 305.

**PSYC 3311. Research Methods in Psychology. Units: 4**

Semester Prerequisite: Must have completed PSYC 2210 and PSYC 2211, each with a grade of C or better. Restricted to Psychology and Child Development majors, or consent of department. Quarter Prerequisite: PSYC 100 and 210; restricted to psychology majors, human development majors, or consent of department

Design and execution of psychological research. Three hours lecture and three hours laboratory. Materials fee required. Formerly offered as PSYC 311.

**PSYC 3318. Health Psychology. Units: 3**

Semester Prerequisite: PSYC 1100. Quarter Prerequisite: PSYC 100  
Examination of psychological aspects of health related behaviors with emphasis on the effects of interpersonal and social psychological factors on physical health and effective medical care. Formerly offered as PSYC 318.

**PSYC 3325. Development of Intimate Relationships. Units: 3**

Exploration of intimate relationship formation, maintenance, and termination with emphasis on theory and empirical research. Topics include attraction, communication, love, sex, power, and conflict. Formerly offered as HD 550. Semester Prerequisite: PSYC 1100.

**PSYC 3326. Developmental Psychobiology. Units: 3**

Psychobiological bases of human behavioral development throughout childhood. Formerly offered as PSYC/HD 324 and PSYC 3324.

**PSYC 3329. Psychology of Adulthood and Aging. Units: 3**

Semester Prerequisite: PSYC 1100 and PSYC 2201, or consent of instructor

An examination of physical, social, cognitive, and personality development from young adulthood through death. Special attention is given to theory, research, and applications in the area of gerontology. Formerly known as PSYC 329.

**PSYC 3331. Psychology of Women and Gender. Units: 3**

Semester Prerequisite: PSYC 1100. Quarter Prerequisite: PSYC 100  
A critical study of psychological theory and data on the cultural and societal factors that influence the development of gender identity and expression, and the ways in which these social constructions shape many aspects of women's (and people of all genders') psychological and social experience. Satisfies the Diversity and Social Justice GE Pathway. Formerly offered as PSYC 331.

**PSYC 3333. Drugs and Behavior. Units: 3**

Semester Prerequisite: PSYC 1100 or consent of instructor. Quarter Prerequisite: PSYC 100 or consent of instructor

Analysis of drugs from psychological, behavioral and physiological viewpoints. Topics include drug classification, altered states of consciousness, addiction, chemical nature and treatment of mental illness. Formerly offered as PSYC 333.

**PSYC 3334. Addiction and Recovery. Units: 3**

Semester Prerequisite: PSYC 1100 or consent of instructor. Quarter Prerequisite: PSYC 100 or consent of instructor

Research and theories related to the psychological, behavioral and physiological basis of addiction and recovery. A variety of common addictive disorders will be considered including eating, smoking, gambling, work, sex and drugs. Formerly offered as PSYC 334.

**PSYC 3339. Methods in Human Neuroscience. Units: 3**

Semester Prerequisite: PSYC 1100 or consent of instructor. Quarter Prerequisite: PSYC 100 or consent of instructor

An examination of the human neuroscience literature with emphasis on research findings. Clinical applications and theory related to the analysis of the relationships among bodily processes, psychological states, and behavior. Formerly offered as PSYC 339.

**PSYC 3340. Stereotyping, Prejudice and Discrimination. Units: 3**

Semester Prerequisite: PSYC 1100. Quarter Prerequisite: PSYC 100 or consent of instructor

Psychological underpinnings of stereotyping, prejudice, and discrimination are examined. Topics include implicit and explicit attitudes, stereotyping & stereotype threat, prejudice formation & change, discrimination, and health disparities. Satisfies the Diversity and Social Justice GE Pathway. Formerly offered as PSYC 340.

**PSYC 3341. Women and Violence. Units: 3**

Semester Prerequisite: PSYC 1100 or consent of instructor. Quarter Prerequisite: PSYC 100 or consent of instructor

Issues of women and violence, combining empirical and theoretical work with community training in agencies dealing with violence against women; includes service learning. Two hours lecture and 40 hours of volunteer training. Formerly offered as PSYC 341.

### **PSYC 3345. Cross-Cultural Psychology. Units: 3**

Semester Prerequisite: PSYC 1100

Cross-cultural psychology focusing on cultural variability in basic psychological processes, their application, and the cultural limits of traditional psychological theories. Formerly known as PSYC 345.

### **PSYC 3349. Gay and Lesbian Issues: Psychological Perspectives. Units: 3**

Semester Prerequisite: PSYC 1100

Examines theories and research concerning sexual minority individuals. Topics covered include identity formation, disclosure, stigmatization, health disparities, group identification, and inter-group interaction. Satisfies the Diversity and Social Justice GE Pathway. Formerly offered as PSYC 349.

### **PSYC 3351. Behavior Modification: Principles and Applications. Units: 3**

Semester Prerequisite: PSYC 1100 or consent of instructor. Quarter Prerequisite: PSYC 100 or consent of instructor

Analysis of the theory, empirical evidence, and the implementation of behavior modification techniques in applied settings. Formerly offered as PSYC 351.

### **PSYC 3354. Organizational Psychology. Units: 3**

Theories and practices of modern organizational psychology. Includes the topics of work motivation, job satisfaction, leadership, work groups, and organizational development and communication. Formerly offered as PSYC 302 and cross-listed with MGMT 302.

### **PSYC 3355. Industrial Psychology. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, and PSYC 2211 each with a grade of C or better; restricted to psychology majors, or consent of department. Quarter Prerequisite: PSYC 100 or consent of instructor

Models and practices of modern industrial and personnel psychology. Includes recruitment, selection, placement, training, job analysis, evaluation and occupational stress. Formerly offered as PSYC 355.

### **PSYC 3357. History and Systems of Psychology. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, PSYC 2220, and PSYC 2211 each with a grade of C or better; restricted to psychology majors, or consent of department. Quarter Prerequisite: PSYC 100

A historical framework for integrating basic orientations in contemporary psychology, including the development of the major schools of thought in psychology. Formerly offered as PSYC 357.

### **PSYC 3358. Cognitive Development. Units: 3**

Semester Prerequisite: PSYC 2201 or PSYC/CD 2240. Quarter Prerequisite: PSYC 100 and PSYC 201

Survey of the major theories, issues and research in the development of perceptual and cognitive capacities from childhood through adulthood. Formerly offered as PSYC 358.

### **PSYC 3359. Evolutionary Psychology. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, PSYC 2220, and PSYC 2211 each with a grade of C or better; restricted to psychology majors or consent of department. Quarter Prerequisite: PSYC 100

Theories and empirical research related to evolutionary psychology. Topics include natural selection, sexual selection, inclusive fitness theory, misconceptions about evolution, mating, status, cooperation, aggression, kin relationships, and sexual conflict. Formerly offered as PSYC 359.

### **PSYC 3360. Cognitive Psychology. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, PSYC 2220, and PSYC 2211 each with a grade of C or better; restricted to psychology majors or consent of department. Quarter Prerequisite: PSYC 100

Research and theories concerning human information processing; topics include sensory processes, attention, memory, language and other higher mental processes. Formerly offered as PSYC 360.

### **PSYC 3361. Intelligence and Creativity. Units: 3**

Semester Prerequisite: PSYC 1100

Introduction to intelligence and creativity with an emphasis on theories, measurement and current debates, including among others, the Bell Curve, the link between creativity and mental illness, and role of IQ tests and creativity in school and work assessment. Formerly offered as PSYC 361.

### **PSYC 3362. Learning and Motivation. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, PSYC 2220, and PSYC 2211 each with a grade of C or better; restricted to psychology majors or consent of department. Quarter Prerequisite: PSYC 100

Survey of research and major theories in animal and human learning and motivation. Applications of learning and motivational principles. Formerly offered as PSYC 362.

### **PSYC 3363. Biological Psychology. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, PSYC 2220, and PSYC 2211 each with a grade of C or better; restricted to psychology majors or consent of department. Quarter Prerequisite: PSYC 100

Overview of the biological basis of behavior with emphasis on the relationship between brain function and thought, emotion, perception, language, learning, memory, and motivation. Formerly offered as PSYC 363.

### **PSYC 3364. Perception. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, PSYC 2220, and PSYC 2211 each with a grade of C or better; restricted to psychology majors or consent of department. Quarter Prerequisite: PSYC 100 or consent of instructor

Selected topics in the field of sensory and perceptual processes. Includes review of contemporary theories and research. Class demonstrations and mini-projects. Formerly offered as PSYC 364.

**PSYC 3365. Cognitive Neuroscience. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, PSYC 2220, and PSYC 2211 or consent of department. Quarter Prerequisite: PSYC 100, PSYC 101, PSYC 210, or consent of department  
Examination of the neural foundations of human mental functioning, including perception, attention, memory, language, thinking, and consciousness. Special emphasis on human neuroimaging as well as behavioral and cognitive impairments from brain injury. Formerly offered as PSYC 365.

**PSYC 3367. Neuropsychiatric Disorders. Units: 3**

Semester Prerequisite: PSYC 1100 and PSYC 2220 or consent from instructor. Quarter Prerequisite: PSYC 100 or consent of instructor  
An examination of brain systems involved in psychiatric syndromes and neurological disorders, including Parkinson's disease, Alzheimer's disease, schizophrenia, depression, and bipolar disorders. Provides a basic understanding of brain dysfunctions that contribute to these disorders and rationales for pharmacological treatments. Formerly offered as PSYC 367.

**PSYC 3368. U-RISE Seminar I. Units: 2**

Semester Prerequisite: Admissions to the UR-RISE program and consent of instructor

A selected examination of original research articles in behavioral and biomedical sciences. Students will learn to critically read, critique, and present published scientific findings. Offered as NSCI 3368, PSYC 3368, and SSCI 3368 (students may receive credit for only one of these courses). Enrollment is limited to students whose formal application to the Undergraduate Research Training Initiative for Student Enhancement (U-RISE) program is approved. Formerly offered as NSCI 368, PSYC 369, SSCI 368.

**PSYC 3369. Research Ethics and Reproducibility in Science. Units: 3**

This course covers Research Ethics (also known as Responsible Conduct of Research) and will cover use of humans and animals as research subjects, intellectual property, authorship, and research misconduct. The course also covers the importance of rigor and reproducibility in designing and performing scientific research. Consent required.

**PSYC 3370. Topics in Psychology. Units: 2**

Semester Prerequisite: PSYC 1100

Selected psychology topics with specific focus within relatively narrow content areas. May be repeated for credit as topics change. Formerly known as PSYC 370.

**PSYC 3372. Psychology of Death and Dying. Units: 3**

Quarter Prerequisite: PSYC 2201 or equivalent

A review of current theory and research on the psychology of grief, death and dying. Formerly offered as PSYC 372.

**PSYC 3375. Seminar in Psychology. Units: 3**

Quarter Prerequisite: PSYC 100

Selected topics which encompass areas of current theoretical and/or research interest in psychology. May be repeated for credit as topics change. Formerly offered as PSYC 375.

**PSYC 3377. Tests and Measurements. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, PSYC 2220, and PSYC 2211 each with a grade of C or better; restricted to psychology majors or consent of department. Quarter Prerequisite: PSYC 100 and PSYC 210

Principles of testing and measurement of psychological constructs including coverage of widely used professionally constructed tests, and the approaches to construct, validate, and interpret tests and their data. Formerly offered as PSYC 377.

**PSYC 3381. Forensic Psychology. Units: 3**

Semester Prerequisite: PSYC 1100

Major issues relevant to the field of forensic psychology. Current research and theory in psychology applicable to the understanding and practice of forensic science in areas including law enforcement, criminal justice, and human services, such as child and adult protective services. Formerly known as PSYC 381.

**PSYC 3382. Social Psychology. Units: 3**

Semester Prerequisite: PSYC 1100. Quarter Prerequisite: PSYC 100

An introduction to major theories, issues and psychological research in Social Psychology. Topics covered include Social Cognition, Attraction, Prejudice & Stigma, Aggression, the Self, and Group Processes. Formerly offered as PSYC 382.

**PSYC 3384. Social and Emotional Development. Units: 3**

Semester Prerequisite: PSYC 2201 OR CD 2240

Social and emotional development from childhood through adolescence and early adulthood. Formerly offered as PSYC 384.

**PSYC 3385. Personality Psychology. Units: 3**

Semester Prerequisite: PSYC 1100. Quarter Prerequisite: PSYC 100 or consent of instructor

Examines theories of personality and current topics in personality research. Examines cognitive, biological and social/cultural influences on personality. Formerly offered as PSYC 385.

**PSYC 3386. Introduction to Psychotherapy. Units: 3**

Semester Prerequisite: PSYC 1100, PSYC 1101, PSYC 2210, PSYC 2220, and PSYC 2211 each with a grade of C or better; restricted to psychology majors or consent of department. Quarter Prerequisite: PSYC 100

Introduction to psychotherapy theories and research. Formerly offered as PSYC 386.

**PSYC 3387. Community Psychology. Units: 3**

Semester Prerequisite: PSYC 1100. Quarter Prerequisite: PSYC 100

Comprehensive study of the discipline of community psychology which emphasizes the importance of community diversity, contextual factors, comprehensive change strategies, active collaboration and community resources in relation to individual and community mental health needs. Formerly offered as PSYC 387.

**PSYC 3390. Abnormal Psychology. Units: 3**

Semester Prerequisite: PSYC 1100. Quarter Prerequisite: PSYC 100 or consent of instructor

An introduction to psychopathology, emphasizing the diagnostic criteria, etiology, and treatment of psychological disorders. Formerly offered as PSYC 390.

**PSYC 3391. Psychopathology of Childhood. Units: 3**

Semester Prerequisite: PSYC 1100 and either PSYC 2201 or PSYC/CD 2240. Quarter Prerequisite: PSYC 100 and PSYC 201

Psychological, developmental and behavior disorders of childhood with special emphasis on diagnosis, etiology, and clinical treatment. Formerly offered as PSYC 391.

**PSYC 3395. Psychology of Consciousness. Units: 3**

Quarter Prerequisite: PSYC 100

Human consciousness from the perspectives of the philosophical, experimental psychological, and neuroscience literatures. Includes survey of research and theory on topics such as waking consciousness, dreams, meditation and altered states of consciousness. Formerly offered as PSYC 395.

**PSYC 4410. Advanced Psychological Statistics. Units: 4**

Semester Prerequisite: Prerequisites: PSYC 2210 or consent of instructor.

Quarter Prerequisite: ADMN 210 or PSYC 210 or consent of instructor

Coverage of advanced statistical reasoning and application of statistical procedures in psychology. Includes both parametric and nonparametric techniques with an introduction to multivariate statistics. Statistical computer packages will be introduced. Three hours lecture and two hours laboratory. Formerly offered as PSYC 410. Materials fee required.

**PSYC 4421. Advanced Seminar in Psychology: Developmental. Units: 3**

Semester Prerequisite: PSYC 2201 and PSYC 3311, or consent of instructor. Quarter Prerequisite: PSYC 201 and PSYC 311 or consent of instructor

A review of selected research areas in the fields of child and life-span developmental psychology. Students will develop an advanced project. Satisfies GE designation WI only. Formerly offered as PSYC 421.

**PSYC 4422. Advanced Seminar in Psychology: Clinical. Units: 3**

Semester Prerequisite: PSYC 3311, and PSYC 3386 or PSYC 3390.

Quarter Prerequisite: PSYC 311, and PSYC 386 or PSYC 390

Contemporary topics in clinical psychology, such as integrative treatment approaches, outcome research, psychopathology, adaptation and coping, health promotion, cultural factors in diagnosis and treatment, and common factors in effective treatment such as the working alliance and other relationship factors. Students will develop an advanced project. Satisfies GE designation WI only. Formerly offered as PSYC 422.

**PSYC 4423. Advanced Seminar in Psychology: Biological. Units: 3**

Semester Prerequisite: PSYC 3311 and PSYC 3363, or consent of instructor. Quarter Prerequisite: PSYC 311 and 363 or consent of instructor

A review of the literature regarding the neural and endocrine processes underlying brain function and behavior. Students will develop an advanced project. Satisfies GE designation WI only. Formerly offered as PSYC 423.

**PSYC 4424. Advanced Seminar in Psychology: Social. Units: 3**

Semester Prerequisite: PSYC 3311 and PSYC 3382, or consent of instructor. Quarter Prerequisite: PSYC 311 and PSYC 382 or consent of instructor

A review of theories and empirical results of experimental social psychology in selected areas such as group dynamics, social perception, communication and attitudes. Students will develop an advanced project. Satisfies GE designation WI only. Formerly offered as PSYC 424.

**PSYC 4425. Advanced Seminar in Psychology: Personality. Units: 3**

Semester Prerequisite: PSYC 3311 and PSYC 3385, or consent of the department. Quarter Prerequisite: PSYC 311 and 385

A review of contemporary personality theories and the relationship of personality to behavior. Students will develop an advanced project. Satisfies GE designation WI only. Formerly offered as PSYC 425.

**PSYC 4426. Advanced Seminar in Psychology: Learning and Motivation. Units: 3**

Semester Prerequisite: PSYC 3311 and PSYC 3362, or consent of instructor. Quarter Prerequisite: PSYC 311 and 362, or consent of instructor

A review of selected theories and research in areas of learning and motivation. Students will develop an advanced project. Satisfies GE designation WI only. Formerly offered as PSYC 426.

**PSYC 4427. Advanced Seminar in Psychology: Cognition and Perception. Units: 3**

Semester Prerequisite: PSYC 3311 and either PSYC 3360 or PSYC 3364. Quarter Prerequisite: PSYC 311 and either PSYC 360 or PSYC 364

A review of human information processing, memory, thinking and perceptual processes. Students will develop an advanced project. Satisfies GE designation WI only. Formerly offered as PSYC 427.

**PSYC 4428. Advanced Seminar in Psychology: Industrial and Organizational. Units: 3**

Semester Prerequisite: PSYC 3311, PSYC 3377, and one of the following: PSYC 3354 or PSYC 3355

A review of industrial/organizational psychology, in selected areas such as work motivation, leadership, work groups, occupational stress, performance evaluation, training techniques, and selection approaches. Students will develop an advanced project. Satisfies GE designation WI only. Formerly offered as PSYC 428.

**PSYC 4431. Experimental Psychology: Developmental. Units: 4**

Semester Prerequisite: PSYC 2201 and PSYC 3311

Selected research areas in the fields of child and life-span developmental psychology. Includes review of current literature and experimental techniques in developmental research. Three hours lecture and three hours laboratory. Materials fee required. Satisfies GE designation WI only. Formerly known as PSYC 431.

### **PSYC 4432. Experimental Psychology: Clinical. Units: 4**

Semester Prerequisite: PSYC 3311, and PSYC 3386 or PSYC 3390  
Empirical studies in clinical psychology. Study options include experimental psychopathology, adaptation and coping, health promotion, anxiety/stress, mood/emotion and cultural factors in diagnosis and treatment. Three hours lecture and three hours laboratory. Materials fee required. Satisfies GE designation WI only. Formerly known as PSYC 432.

### **PSYC 4433. Experimental Psychology: Biological. Units: 4**

Semester Prerequisite: PSYC 3311 and PSYC 3363, or consent of instructor. Quarter Prerequisite: PSYC 311 and PSYC 363 or consent of instructor

Introduction to the neural processes underlying brain function and behavior. Particular emphasis will be placed on neuroanatomy and the actions of drugs on brain and behavior. Students will receive practical training in advanced neuroscience techniques. Three hours lecture and three hours laboratory. Materials fee required. Satisfies GE designation WI only. Formerly offered as PSYC 433.

### **PSYC 4434. Experimental Psychology: Social. Units: 4**

Semester Prerequisite: PSYC 3311 and PSYC 3382  
Methods, theories and empirical results of experimental social psychology in selected areas such as group dynamics, social perception, communication and attitudes. Lecture and laboratory. Materials fee required. Satisfies GE designation WI only. Formerly known as PSYC 434.

### **PSYC 4435. Experimental Psychology: Personality. Units: 4**

Semester Prerequisite: PSYC 3311, PSYC 3377, and PSYC 3385  
Empirical study of personality theories and the relationship of personality to behavior. Three hours lecture and three hours laboratory. Materials fee required. Satisfies GE designation WI only. Formerly known as PSYC 435.

### **PSYC 4436. Experimental Psychology: Learning and Motivation. Units: 4**

Semester Prerequisite: PSYC 3311 and PSYC 3362  
Selected theories and research in areas of learning and motivation. Includes literature review and experimental analysis. Lecture and laboratory. Three hours lecture and three hours lab. Materials fee required. Satisfies GE designation WI only. Formerly known as PSYC 436.

### **PSYC 4437. Experimental Psychology: Cognition and Perception. Units: 4**

Semester Prerequisite: PSYC 3311 and either PSYC 3360 or PSYC 3364  
Empirical study of human information processing, memory, thought and perceptual processes. Three hours lecture and three hours laboratory. Materials fee required. Satisfies GE designation WI only. Formerly known as PSYC 437.

### **PSYC 4438. Experimental Psychology: Industrial and Organizational. Units: 4**

Semester Prerequisite: PSYC 3311 and PSYC 3377, and either PSYC 3354 or PSYC 3355

Methods and empirical study of industrial-organizational psychology, in selected areas such as work motivation, leadership, work groups, occupational stress, performance evaluation, training techniques, and selection approaches. Three hours lecture and three hours laboratory. Materials fee required. Satisfies GE designation WI only. Formerly known as PSYC 438.

### **PSYC 4442. Behavioral Neuroscience. Units: 3**

Semester Prerequisite: PSYC 3324 or PSYC 3363

Intensive review of the neural mechanisms underlying behavior. Considerable emphasis is placed on sensory, motor, and homeostatic functioning. Higher-order functioning, including learning and memory, will also be covered. Formerly known as PSYC 442.

### **PSYC 4468. U-RISE Seminar II. Units: 2**

Semester Prerequisite: NSCI 3368, PSYC 3368, or SSCI 3368. Quarter Prerequisite: NSCI 368, PSYC 368 or SSCI 368

A selected examination of original research articles in behavioral and biomedical sciences focuses on improving scientific writing skills, shaping long-term research projects, and developing research funding proposals. Offered as PSYC 4468, NSCI 4468, and SSCI 4468 (students may receive credit for only one of these courses). Enrollment is limited to students whose formal application to the Undergraduate Research Training Initiative for Student Enhancement (U-RISE) program is approved. Formerly known as NSCI 468, PSCI 468, SSCI 468.

### **PSYC 5530. Instructional Assistant Practicum. Units: 3**

Quarter Prerequisite: For undergraduates, Psychology major status and consent of the department; for graduate students, classified standing in the Psychology MA or MS programs

Training in a variety of skills necessary to serve as an Instructional Student Assistant (ISA) supporting a college-level instructor in the use of high impact practices. Required for students applying to be an ISA for the Psychology Department BA, MS, or MA degree programs. Formerly offered as PSYC 530.

### **PSYC 5538. Introduction to Psychopharmacology. Units: 3**

Semester Prerequisite: For undergraduates, PSYC/HD 3324, PSYC 3333 or PSYC 3363, or consent of instructor, For graduate students, classified standing in the MA Psychological Science Program or consent of instructor. Quarter Prerequisite: HD 324, PSYC 324, 333 or 363, or consent of instructor

Examination of the basic pharmacological principles of psychoactive drugs. Particular emphasis is placed on neuronal functioning, mechanisms of drug action, and behavioral outcomes. Formerly offered as PSYC 538.

### **PSYC 5539. Current Methods in Neuroscience. Units: 3**

Semester Prerequisite: For undergraduates, PSYC 3311, PSYC 3363, PSYC 4442, or consent of instructor, For graduate students, classified standing in the Psychological Sciences MA Program or consent of instructor

Introduction to experimental methods used in behavioral neuroscience research. Includes relevant experimental designs and surgical, histological, imaging and behavioral techniques.

### **PSYC 5562. Neural Mechanisms of Learning and Memory. Units: 3**

Neural mechanisms responsible for learning and memory formation, including the neurological bases of encoding, consolidation and retrieval of memories.

### **PSYC 5567. Neural Substrates of Psychiatric Disorders. Units: 3**

Semester Prerequisite: For undergraduates, PSYC 3311, PSYC 3363, PSYC 3367, or consent of instructor, For graduate students, classified standing in the Psychological Sciences MA Program or instructor permission

Neural anatomical and physiological alterations associated with the clinical diagnoses of several psychiatric disorders including schizophrenia, major depression, obsessive-compulsive disorder, substance abuse, and Alzheimer disorder. Consideration of how these neuropsychiatric disorders originate and develop. Therapeutic interventions will be discussed in depth.

### **PSYC 5575. Internship. Units: 3**

Semester Prerequisite: Consent of Instructor and Department Supervised work and study in private and public organizations. Arrangements for the internship must be made during the semester preceding the semester in which the student plans on enrolling in this course (see Department Website). Graded credit/no credit. May be repeated two times for six units. Only three units may be applied to upper-division credit. Formerly known as PSYC 575/5755, CD 5755, HD 575.

### **PSYC 5581. Current Professional Issues in Industrial-Organizational Psychology. Unit: 1**

Semester Prerequisite: Upper-division or graduate standing and consent of department. Quarter Prerequisite: upper-division or graduate standing and consent of department

Overview and critical appraisal of the current professional issues facing I-O psychologists. Topics include the roles that I-O psychologists play in support of organizations and their members, the status of the profession, and future opportunities. Formerly known as PSYC 581A.

### **PSYC 5582. Diversity, Work, and Family. Units: 3**

Semester Prerequisite: PSYC 3354 and PSYC 3355 or graduate standing and consent of department

Prerequisites: upper-division or graduate standing and consent of department

Theory, empirical research, and applications of diversity and inclusion in organizations and the impact of organizational policies on family life. Topics will include discrimination in the workplace, individual, group, and organizational barriers to advancement, diversity management, and the work-family interface.

### **PSYC 5583. Occupational Health Psychology. Units: 3**

Semester Prerequisite: PSYC 3354 and PSYC 3355 or graduate standing and consent of department

Prerequisites: upper-division or graduate standing and consent of department

Theory and research of the workplace issues and structures that impact the physical and mental well-being of workers. Topics will include work-related stressors, workplace safety, and interventions.

### **PSYC 5584. Work Across the Lifespan. Units: 3**

Semester Prerequisite: PSYC 3354 and PSYC 3355 or graduate standing or consent of department

Theory and research on work across the lifespan, including mid and late career issues, bridge employment, and retirement during the adult years. Formerly offered as PSYC 5540.

### **PSYC 5596. Practicum in Psychology: Peer Advising. Units: 2**

Quarter Prerequisite: consent of instructor and department

Training and practice in the basic knowledge, skills, and abilities involved in academic peer advising. One-hour seminar, two hours practicum. A total of six units may be applied toward graduation, of which a maximum of three units can be an upper-division elective in the psychology major. Graded credit/no credit. An application must be submitted during the semester prior to the semester student plans to enroll. May be taken three times for six units. Formerly known as PSYC 596.

### **PSYC 5597. Honors Seminar. Units: 3**

Students develop an independent research project under the direction of a faculty mentor. Students meet as a class with the Program Director to discuss their projects and professional development topics including research ethics, oral and written presentation of their thesis projects, graduate school applications, and career directions. Enrollment is limited to students whose formal application for departmental honors is approved. Formerly known as CD 5597, HD 597, PSYC 597.

### **PSYC 5598. Honors Project. Units: 3**

Semester Prerequisite: PSYC/CD 5597 and consent of department.

Quarter Prerequisite: CD/PSYC 597 and consent of department

Students complete an independent research project under the direction of a faculty mentor. Enrollment is limited to students whose formal application for departmental honors is approved. May not be used to satisfy the requirements of the psychology major.

### **PSYC 5951. Independent Study. Unit: 1**

Semester Prerequisite: A minimum grade point average of 3. Quarter

Prerequisite: A minimum overall grade point average of 3

Special topics involving literature and/or experimental effort. A total of six units of PSYC 595X may be applied toward graduation, of which a maximum of three units can be applied toward the upper-division requirements in the psychology major. Requires consent of instructor and departmental approval of a written proposal of a project submitted on a standard application filed in advance of the semester in which the course is to be taken.



**PSYC 5952. Independent Study. Units: 2**

Semester Prerequisite: A minimum overall grade point average of 3.  
 Quarter Prerequisite: A minimum overall grade point average of 3  
 Special topics involving literature and/or experimental effort. A total of six units of PSYC 595X may be applied toward graduation, of which a maximum of three units can be applied toward the upper-division requirements in the psychology major. Requires consent of instructor and departmental approval of a written proposal of a project submitted on a standard application filed in advance of the semester in which the course is to be taken. Formerly offered as PSYC 595B.

**PSYC 5953. Independent Study. Units: 3**

Semester Prerequisite: A minimum overall grade point average of 3.  
 Quarter Prerequisite: A minimum overall grade point average of 3  
 Special topics involving literature and/or experimental effort. A total of six units of PSYC 595X may be applied toward graduation, of which a maximum of three units can be applied toward the upper-division requirements in the psychology major. Requires consent of instructor and departmental approval of a written proposal of a project submitted on a standard application filed in advance of the semester in which the course is to be taken. Formerly offered as PSYC 595D.

**PSYC 6001. Proseminar in Psychological Science I. Units: 2**

Research seminar for first-year graduate students. Provides exposure to faculty research while providing peer and instructional support for students attempting to develop their own research projects. First-year graduate standing in Psychological Science MA degree program or consent of program director are required.

**PSYC 6002. Proseminar in Psychological Science II. Unit: 1**

Research seminar for second-year graduate students. Provides exposure to faculty research while providing peer and instructional support for students attempting to develop their own research projects.

**PSYC 6091. Graduate Research in Psychology. Unit: 1**

Semester Prerequisite: Classified graduate standing in an MA or MS Psychology program and consent of instructor  
 Original research in psychology conducted under the direction of a faculty member. Units may not count towards the MA and MS in Psychology. Graded credit/no credit. Formerly offered as PSYC 609B.

**PSYC 6092. Graduate Research in Psychology. Units: 2**

Semester Prerequisite: Classified graduate standing in an MA or MS Psychology Program and consent of instructor. Quarter Prerequisite: classified standing and consent of instructor  
 Original research in psychology conducted under the direction of a faculty member. Units may not count towards the MA and MS in Psychology. Graded credit/no credit. Formerly offered as PSYC 609B.

**PSYC 6093. Graduate Research in Psychology. Units: 3**

Semester Prerequisite: Classified graduate standing in an MA or MS Psychology Program and consent of instructor are required. Quarter Prerequisite: classified standing and consent of instructor  
 Original research in psychology conducted under the direction of a faculty member. Units may not count towards the M.A. and M.S. in Psychology. Graded credit/no credit. Formerly offered as PSYC 609C.

**PSYC 6094. Graduate Research in Psychology. Units: 4**

Semester Prerequisite: Classified graduate standing in an MA or MS Psychology Program and consent of instructor are required. Quarter Prerequisite: classified standing and consent of instructor  
 Original research in psychology conducted under the direction of a faculty member. Units may not count towards the MA and MS in Psychology. Graded credit/no credit. Formerly offered as PSYC 609D.

**PSYC 6095. Graduate Research in Psychology. Units: 5**

Semester Prerequisite: Classified graduate standing in an MA or MS Psychology Program and consent of instructor are required. Quarter Prerequisite: classified standing and consent of instructor  
 Original research in psychology conducted under the direction of a faculty member. Units may not count towards the MA and MS in Psychology. Graded credit/no credit. Formerly offered as PSYC 609E.

**PSYC 6121. Directed Readings. Unit: 1**

Semester Prerequisite: Classified graduate standing and consent of department  
 Special topics involving supervised readings under the direction of a faculty member.

**PSYC 6122. Directed Readings. Units: 2**

Semester Prerequisite: Classified graduate standing and consent of department. Quarter Prerequisite: graduate standing and consent of department  
 Special topics involving supervised readings under the direction of a faculty member. Formerly offered as PSYC 612B.

**PSYC 6123. Directed Readings. Units: 3**

Semester Prerequisite: Classified graduate standing and consent of department. Quarter Prerequisite: graduate standing and consent of department  
 Special topics involving supervised readings under the direction of a faculty member. Formerly offered as PSYC 612C.

**PSYC 6124. Directed Readings. Units: 4**

Semester Prerequisite: Classified graduate standing and consent of department. Quarter Prerequisite: graduate standing and consent of department  
 Special topics involving supervised readings under the direction of a faculty member. Formerly offered as PSYC 612D.

**PSYC 6125. Directed Readings. Units: 5**

Semester Prerequisite: Classified graduate standing and consent of the psychology department. Quarter Prerequisite: graduate standing and consent of department  
 Special topics involving supervised readings under the direction of a faculty member. Formerly offered as PSYC 612E.

**PSYC 6601. Job Analysis, Performance Management, & Compensation. Units: 3**

Quarter Prerequisite: classified graduate standing in MA or MS degree program or consent of department  
 Current research and methods of performance appraisal. Topics include the study of job analysis, performance appraisal processes and instrumentation, including examination of research on compensation systems. Formerly PSYC 601.

### **PSYC 6602. Organizational Development, Training, and Work Groups. Units: 3**

Quarter Prerequisite: classified graduate standing in MA or MS degree program or consent of department

Critical review of current psychological theories and methods of organizational change and group processes. Topics include interventions at the individual (training), group, and organizational levels. Formerly offered as PSYC 602.

### **PSYC 6603. Talent Acquisition and Legal Issues. Units: 3**

Quarter Prerequisite: classified graduate standing in MA or MS degree program or consent of department

Principles and methods of personnel selection, including validation strategies and the effects of governmental and legal issues on personnel actions. Formerly known as PSYC 603.

### **PSYC 6604. Motivation and Leadership. Units: 3**

Quarter Prerequisite: classified graduate standing in MA or MS degree program or consent of department

Review and critical discussion of major theories and current research of motivation and leadership in the workplace including a review of their application in work organizations. Formerly known as PSYC 604.

### **PSYC 6614. Couples Counseling. Units: 3**

Theory and practice of counseling with couples. Formerly offered as PSYC 614.

### **PSYC 6617. Clinical Psychopharmacology. Units: 3**

Theory and application of psychotropic principles for the major DSM psychiatric disorders, including the examination of the effects of psychotropic drugs and medications on experience, behavior and symptoms. Classified graduate standing or consent of department are required. Formerly offered as PSYC 617.

### **PSYC 6618. Community and Public Mental Health. Units: 3**

Provision of marriage and family therapy in community and public mental health settings, including recovery-oriented principles, client advocacy, case management, and systems of care as well as strategies for therapeutic intervention consistent with strengths-based, evidence-based practice. Formerly offered as PSYC 618.

### **PSYC 6619. Community Disaster, Trauma and Resilience. Units: 3**

Community disaster and trauma response, crisis intervention, as well as training in resilience models for trauma recovery. Formerly offered as PSYC 619.

### **PSYC 6630. Teaching of Psychology. Units: 3**

Quarter Prerequisite: classified graduate status in psychology or consent of department

Instructional methods for teaching of psychology at the college level. Formerly offered as PSYC 630.

### **PSYC 6633. Professional Ethics & Law in Counseling. Units: 3**

Semester Prerequisite: Classified standing in a Psychology MS degree program or consent of department

Ethical and legal considerations involved in counseling practice, including statutory law, legal trends, and ethical behavior in the mental health profession. Formerly offered as PSYC 663.

### **PSYC 6636. Multicultural Counseling. Units: 3**

Semester Prerequisite: Classified standing in the MS Clinical and Counseling Program or consent of department. Quarter Prerequisite: classified standing in a Psychology MS or MA degree program or consent of department

Study of how cultural values and ethnic backgrounds influence counseling process and outcome, with focus on counseling with African American, Latinx, Asian, and Native American populations. Classified standing in the MS Clinical/Counseling Program or consent of department are required. Formerly offered as PSYC 636.

### **PSYC 6638. Substance Abuse: Detection, Assessment and Treatment. Units: 3**

Semester Prerequisite: Classified standing in a Psychology MS or MA program and consent of department. Quarter Prerequisite: Classified standing in Psychology MS or MA programs and consent of department

Assessment and treatment of substance abuse, including alcoholism and other forms of chemical dependency with a focus on etiological factors and relapse prevention. Classified standing in a Psychology MS or MA Program and consent of department are required. Formerly offered as PSYC 638 as well as PSYC 6638: Neuropharmacology of Psychiatric Disorders in AY 2020-2021.

### **PSYC 6640. Advanced Methods in Psychological Research. Units: 3**

Semester Prerequisite: Classified graduate standing and department consent required. Quarter Prerequisite: classified standing and consent of department

Those aspects of philosophy of science and methods of inquiry as applied to procedures for obtaining and evaluating data as well as issues in experimental design. Classified graduate standing and department consent required. Formerly known as PSYC 640.

### **PSYC 6641. Analysis of Variance. Units: 4**

Semester Prerequisite: Classified graduate standing or consent of department

Review of concepts of statistical inference. Applications of statistical techniques to the design and interpretation of experimental research with an emphasis on Analysis of Variance (ANOVA). Statistical computer packages will be introduced in the laboratory section. Three hours lecture and two hours laboratory. Formerly offered as PSYC 641. Materials fee required.

### **PSYC 6642. Regression and Nonparametric Statistics. Units: 4**

Semester Prerequisite: Classified graduate standing or department consent. Quarter Prerequisite: classified standing or consent of department

Review of concepts of statistical estimation. Applications of statistical techniques to the design and interpretation of applied correlational and quasi-experimental research with an emphasis on correlation, regression, and nonparametric techniques. Statistical computer packages will be introduced in the laboratory section. Three hours lecture and two hours laboratory. Materials fee required. Formerly known as PSYC 642.

**PSYC 6643. Multivariate Methods. Units: 3**

Semester Prerequisite: PSYC 6641 or equivalent, classified graduate standing or consent of department. Quarter Prerequisite: PSYC 641 or equivalent, classified standing or consent of department  
Multivariate models used in psychological research, including multiple regression, discriminant function analysis, factor analysis, canonical analysis, and multiple analysis of variance. Two hours lecture and one hour activity. Materials fee required. Formerly offered as PSYC 643.

**PSYC 6644. Applied Psychological Measurement. Units: 3**

Quarter Prerequisite: classified graduate standing in MA or MS program or consent of department  
Theories, methods, and issues of psychological measurement and assessment. Topical coverage will include test construction, test evaluation, survey development, ethics, and testing in applied settings. Two hours lecture and two hours activity. Materials fee required. Formerly offered as PSYC 644.

**PSYC 6650. Advanced Cognitive Psychology. Units: 3**

Quarter Prerequisite: Classified graduate standing in Psychology MA or MS degree program and consent of department  
Research and theories in the psychology of thinking, knowing and remembering. Classified graduate standing in Psychology MA or MS degree program or consent of instructor are required. Formerly offered as PSYC 650.

**PSYC 6652. Advanced Learning and Motivation. Units: 3**

Quarter Prerequisite: Classified graduate standing in Psychology MA or MS degree program and consent of department  
Major theories and research in learning and motivation with emphasis on current issues. Formerly offered as PSYC 652.

**PSYC 6654. Advanced Life-Span Developmental Psychology. Units: 3**

Examination of the developmental processes, theories, issues and research in life-span developmental psychology. Formerly offered as PSYC 654.

**PSYC 6656. Advanced Biological Psychology. Units: 3**

Quarter Prerequisite: Classified graduate standing in Psychology MA or MS degree program and consent of department  
Study of biological bases of behavior with emphasis on recent research. Classified graduate standing in Psychology MA or MS degree program or consent of instructor are required. Formerly offered as PSYC 656.

**PSYC 6658. Advanced Social Psychology. Units: 3**

Quarter Prerequisite: Classified graduate standing in Psychology MA or MS degree program and consent of department  
Major theories, methods and empirical findings in social psychology. Example topics include prejudice and stereotyping, social cognition, social perception, the self, group processes, and emotions. Classified graduate standing in Psychology MA or MS degree program or consent of instructor are required. Formerly offered as PSYC 658.

**PSYC 6665. Psychopathology. Units: 3**

Semester Prerequisite: Classified standing in the MS Clinical/Counseling Program and consent of department; or PSYC 3390, classified standing in another Psychology MA or MS program and consent of department; or PSYC 3390, or consent of department. Quarter Prerequisite: PSYC 390, classified standing in other Psychology MA or MS degree programs or consent of department; or PSYC 390 or consent of department  
Review of major classification systems of mental disorders including descriptive symptomatology, etiology, and treatment considerations. Formerly offered as PSYC 665.

**PSYC 6667. Family Processes. Units: 3**

Normal and dysfunctional family processes, including analysis of family and couple systems, family communication, intimate partner violence and strategies for therapeutic intervention. Formerly offered as PSYC 667.

**PSYC 6671. Marriage and Family Therapy Skills I. Units: 6**

Semester Prerequisite: Classified standing in the MS Clinical/Counseling program or consent of department. Quarter Corequisite: Concurrent enrollment in PSYC 687A. Quarter Prerequisite: Classified standing in the MS program or consent of department  
Semester Corequisite: Concurrent enrollment in PSYC 6871  
Foundational skills in counseling, the therapeutic alliance, crisis management and treatment planning. Three hours seminar and three hours recitation. Formerly offered as PSYC 671.

**PSYC 6672. Marriage and Family Therapy Skills II. Units: 6**

Semester Prerequisite: Classified standing in the MS Clinical/Counseling program and a grade of no less than B- in PSYC 6671, or consent of department. Quarter Corequisite: concurrent enrollment in PSYC 687B and consent of department. Quarter Prerequisite: grade of no less than B- in PSYC 671  
Semester Corequisite: Concurrent enrollment in PSYC 6872  
Advanced counseling skills used to identify and modify familial, relational, emotional, cognitive and behavioral aspects of individual, couple, family and sexual functioning. Three hours seminar and three hours recitation. Formerly offered as PSYC 672.

**PSYC 6674. Child Therapy. Units: 3**

Advanced counseling skills used with children and adolescents, including detection, assessment, and treatment of child abuse. Classified standing in the Clinical/Counseling MS Program and consent of department.

**PSYC 6675. Practicum in Applied Psychology. Units: 3**

Training in the application of methods and theories of psychology to the solution of practical problems within organizations. The course will include both a classroom component and out-of-class applications. Applications will include issues of ethical awareness, decision-making, and behavior in organizational analysis and interventions. Formerly offered as PSYC 675.

**PSYC 6679. Theories of Counseling and Psychotherapy. Units: 3**

Semester Prerequisite: Classified standing in the MS Clinical/Counseling Psychology program or consent of department  
Comparative analysis of major theories related to current practice of counseling and psychotherapy. Formerly offered as PSYC 679.

### **PSYC 6680. Advanced Seminar in Psychology. Units: 3**

Semester Prerequisite: Classified graduate standing or consent of department. Quarter Prerequisite: Classified standing or consent of department

Selected advanced topics which encompass areas of current theoretical and/or research interest in psychology. May be repeated for credit as topics change. Formerly offered as PSYC 680.

### **PSYC 6682. Clinical Assessment. Units: 3**

Semester Prerequisite: Classified standing in the MS Clinical/Counseling Program or consent of department. Quarter Prerequisite: classified standing or consent of department

Methods of intellectual, diagnostic, and personality assessment with children and adults. Classified standing in the MS Clinical/Counseling Program or consent of department are required. May not be taken for credit by students who have received credit for PSYC 683. Formerly offered as PSYC 682.

### **PSYC 6684. Topics in Counseling Psychology. Units: 3**

Semester Prerequisite: Classified standing in the MS Clinical/Counseling Program or consent of department

Selected topics within counseling psychology. May be repeated for credit as topics change. Formerly offered as PSYC 684.

### **PSYC 6871. Marriage and Family Therapy Practicum I. Units: 3**

Semester Prerequisite: Classified standing in MS Clinical/Counseling Program or consent of department. Quarter Corequisite: concurrent enrollment in PSYC 671. Quarter Prerequisite: consent of department  
Semester Corequisite: Concurrent enrollment in PSYC 6671  
Supervised counseling practicum. Graded credit/no credit. Formerly offered as PSYC 687.

### **PSYC 6872. Marriage and Family Therapy Practicum II. Units: 3**

Semester Prerequisite: Classified standing in MS Clinical/Counseling Program or consent of department. Quarter Corequisite: concurrent enrollment in PSYC 672. Quarter Prerequisite: consent of department  
Semester Corequisite: concurrent enrollment in PSYC 6672  
Supervised counseling practicum. Graded credit/no credit. Formerly offered as PSYC 687.

### **PSYC 6891. Externship in Applied Psychology. Unit: 1**

Semester Prerequisite: PSYC 6640 and consent of department. Quarter Prerequisite: PSYC 6640 and consent of department

Supervised field work in a public or private setting for additional training and extension of skills developed in the graduate program. The externship requires approval by a faculty supervisor. A total of three units of externship may apply toward the M.S. in Industrial and Organizational Psychology degree. Graded credit/no credit. Formerly offered as PSYC 689A.

### **PSYC 6892. Externship in Applied Psychology. Units: 2**

Semester Prerequisite: PSYC 6640 and consent of department. Quarter Prerequisite: PSYC 640 and consent of department

Supervised field work in a public or private setting for additional training and extension of skills developed in the graduate program. The externship requires approval by a faculty supervisor. A total of three units of externship may apply toward the M.S. in Industrial and Organizational Psychology degree. Graded credit/no credit. Formerly offered as PSYC 689B.

### **PSYC 6893. Externship in Applied Psychology. Units: 3**

Semester Prerequisite: PSYC 6640 and consent of department. Quarter Prerequisite: PSYC 6640 and consent of department

Supervised field work in a public or private setting for additional training and extension of skills developed in the graduate program. The externship requires approval by a faculty supervisor. A total of three units of externship may apply toward the M.S. in Industrial and Organizational Psychology degree. Graded credit/no credit. Formerly offered as PSYC 689C.

### **PSYC 6951. Advanced Independent Study. Unit: 1**

Semester Prerequisite: PSYC 6640 or PSYC 6641; Classified graduate standing and consent of department. Prerequisite: PSYC 640 or PSYC 641; advancement to candidacy and consent of department

Advanced research on a specific topic selected by the student with the approval of the students thesis advisor. May be repeated up to two times for a total of 3 units credit with approval of the student's advisor and the department chair. Only three to five units of independent study are required for the masters degree depending on the program. Formerly offered as PSYC 611A.

### **PSYC 6952. Advanced Independent Study. Units: 2**

Semester Prerequisite: PSYC 6640 or PSYC 6641; Classified graduate standing and consent of department. Quarter Prerequisite: PSYC 640 or PSYC 641; advancement to candidacy and consent of department

Advanced research on a specific topic selected by the student with the approval of the students thesis advisor. May be repeated one time for a total of 4 units credit with approval of the student's advisor and the department chair. Only three to five units of independent study are required for the masters degree depending on the program. Formerly offered as PSYC 611B.

### **PSYC 6953. Advanced Independent Study. Units: 3**

Semester Prerequisite: PSYC 6640 or PSYC 6641; Classified graduate standing and consent of department. Quarter Prerequisite: PSYC 640 or PSYC 641; advancement to candidacy and consent of department

Advanced research on a specific topic selected by the student with the approval of the students thesis advisor. May be repeated one time for a total of 6 units credit with approval of the student's advisor and the department chair. Only three to five units of independent study are required for the masters degree depending on the program. Formerly offered as PSYC 611C.

**PSYC 6954. Advanced Independent Study.  
Units: 4**

Semester Prerequisite: PSYC 6640 or PSYC 6641; Classified graduate standing and consent of department. Quarter Prerequisite: PSYC 640 or PSYC 641; advancement to candidacy and consent of department  
Advanced research on a specific topic selected by the student with the approval of the students thesis advisor. May be repeated one time for a total of 8 units credit with approval of the student's advisor and the department chair. Only three to five units of independent study are required for the masters degree depending on the program. Formerly offered as PSYC 611D.

**PSYC 6955. Advanced Independent Study.  
Units: 5**

Semester Prerequisite: PSYC 6640 or PSYC 6641; Classified graduate standing and consent of department. Quarter Prerequisite: PSYC 640 or PSYC 641; advancement to candidacy and consent of department  
Advanced research on a specific topic selected by the student with the approval of the students thesis advisor. May be repeated one time for a total of 10 units credit with approval of the student's advisor and the department chair. Only three to five units of independent study are required for the masters degree depending on the program. Formerly offered as PSYC 611E.

**PSYC 6971. Advanced Practicum in  
Counseling Psychology I. Units: 2**

Semester Prerequisite: Classified standing in the MS Clinical/Counseling program, PSYC 6671, PSYC 6672, PSYC 6871, PSYC 6872, PYSC 6971, or consent of department. Quarter Prerequisite: classified standing in the Psychology MS Program and consent of department  
Supervised counseling field work in private or public mental health agencies. Graded credit/no credit. Formerly offered as PSYC 697A.

**PSYC 6972. Advanced Practicum in  
Counseling Psychology II. Unit: 1**

Semester Prerequisite: Classified standing in the MS Clinical/Counseling program, PSYC 6671, PSYC 6672, PSYC 6871, PSYC 6872, PYSC 6971, and consent of department. Quarter Prerequisite: Classified standing in the MS degree program, PSYC 671, PSYC 672, PSYC 687A, PSYC 687B, PYSC 687C; or consent of department  
Supervised counseling field work in private or public mental health agencies. Graded credit/no credit. Formerly offered as PSYC 697B.

**PSYC 6974. Thesis. Units: 4**

Semester Prerequisite: PSYC 6640 and/or PSYC 6641, 3 to 5 units of independent study (depending on the program), advancement to candidacy, and consent of department. Quarter Prerequisite: PSYC 640 and/or PSYC 641; PSYC 611; advancement to candidacy and consent of department  
Independent graduate research conducted under the guidance of the major advisor and resulting in a written thesis. Formerly offered as PSYC 699.

**PSYC 6980. Comprehensive Examination.  
Units: 0**

Semester Prerequisite: Advancement to candidacy, approval of department, completion of course work in the MS Clinical/Counseling Psychology program and good academic standing. Quarter Prerequisite: advancement to candidacy, approval of department, completion of course work in the masters program and good academic standing  
An assessment of the students ability to integrate the knowledge of the area, show critical and independent thinking and demonstrate mastery of the subject matter. Department consent required. Formerly offered as PSYC 999A.

**PSYC 6990. Continuous Enrollment for  
Graduate Candidacy Standing. Units: 0**

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies  
Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

**PSYC 6991. Continuous Enrollment for  
Graduate Candidacy Standing. Unit: 1**

Quarter Prerequisite: Advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies  
Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

### **PSYC 6992. Continuous Enrollment for Graduate Candidacy Standing. Units: 2**

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

### **PSYC 6993. Continuous Enrollment for Graduate Candidacy Standing. Units: 3**

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

### **PSYC 6994. Continuous Enrollment for Graduate Candidacy Standing. Units: 4**

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

### **PSYC 6995. Continuous Enrollment for Graduate Candidacy Standing. Units: 5**

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

### **PSYC 6996. Continuous Enrollment for Graduate Candidacy Standing. Units: 6**

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.