Bachelor of Arts

• Psychology
• Psychology - Industrial and Organization Psychology Concentration
• Psychology - Biological Psychology

Minor
Psychology

Master of Arts

• Child Development
• Psychological Science

Master of Science
Psychology with concentrations in:

• Clinical Counseling
• Industrial/Organizational

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 course work 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 the undergraduate program provides an excellent base for entry into graduate training.

Courses offered by the department range from the basic scientific courses such as experimental psychology, learning and perception to such applied courses as counseling and behavior modification. Laboratory and training facilities complement a wide variety of courses.

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 SSCI 306 or equivalent with a “B” or better prior to enrollment in the Honors Program (preference given for SSCI 306);
4. Completion of PSYC 311 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 a writing sample;
6. Completion of the three-quarter Honors Program with a grade of “B” (3.0) or better each quarter:
   • PSYC 597 Honors Seminar 4
   • PSYC 598A Honors Project I 2
   • PSYC 598B Honors Project II 2

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

*Students with an overall GPA of 3.25-3.49 in their last 90 units will be considered on a case-by-case basis with a mentor letter of reference.

Human Development

Bachelor of Arts
Human Development with Tracks in:

• Child Development
• Lifespan

Master of Arts

• Child Development

The human development major is an interdisciplinary program of study of the processes and changes that characterize human development. The major provides an important advantage of promoting an holistic and interdisciplinary approach to human growth and development that no single discipline can offer. Course offerings are drawn primarily from human development, psychology, sociology and anthropology, with electives available from other departments.

Students selecting the Bachelor of Arts degree in Human Development, with the study of human development and behavior as its major theme, typically choose careers related to working with people when they graduate, e.g., education, social services, counseling and guidance or in health delivery settings. The major also provides academic preparation for graduate-level training in related fields, including human or child development, family studies, psychology, social work, law, gerontology, human ecology, and education.

The following two tracks are available for students working toward a Bachelor of Arts in Human Development.

The Child Development Track is designed to provide students with a solid background in child growth and development, and includes the option of focusing on early childhood education. This track prepares students for occupations or professions that call for child development specialists, e.g., early childhood education, infant and toddler specialists, and other positions involving work with children and families. This track will also prepare students for graduate level training in related fields (e.g. a multiple subjects teaching credential). The Infant/Toddler Lab and CSUSB Children's Center are integral components of this track, and are used as observation and practicum sites for students. Students selecting this track may also earn Child Development Master Teacher and Site Supervisor Permits (i.e., early childhood teaching and administrative credentials).

The Lifespan Track is designed for students who wish to obtain a broad interdisciplinary background of human development and behavior across the life span. Because this track does emphasize adulthood and aging,
this would be an ideal track for students pursuing work with late adulthood populations.

A dual-degree program in Psychology and Human Development is also available for students seeking a combined program of study. This program may be especially suited for students planning to pursue careers in working with children and families, adult services, and also for those planning on pursuing graduate study in child or developmental psychology, clinical or counseling psychology, child or human development, or social work. See the human development director for more information.

Departmental Honors

Students majoring in human development are eligible to receive honors in human development 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 SSCI 306 or equivalent with a grade of "B" (3.0) or better prior to enrollment in the Honors Program (preference given for SSCI 306);
4. Completion of PSYC 311 with a grade of "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 a writing sample;
6. Completion of the three-quarter Honors Program with a grade of "B" (3.0) or better each quarter:

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<tr>
<th>Course Code</th>
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<tr>
<td>PSYC 597</td>
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<td>Honors Project I</td>
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<td>PSYC 598B</td>
<td>Honors Project II</td>
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Students interested in this recognition must file a formal application for enrollment in the Human Development Honors Program in their junior year.

*Students with an overall GPA of 3.25-3.49 in their last 90 units will be considered on a case-by-case basis with a mentor letter of reference.

M.A. in Child Development

Social and Behavioral Sciences Building, Room 425

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

The objective of the Master of Arts in Child Development is to provide 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.

Current Faculty

Richard Addante, Assistant Professor
B.A. 2005, Florida Atlantic University
Ph.D. 2011, UC Davis

Mark D. Agars, Professor
B.A. 1992, Sienna College

M.S. 1996, Ph.D. 1999, Pennsylvania State University

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

Manijeh Badiee, Assistant Professor, Ph.D., 2012, University of Nebraska-Lincoln

Kelly Campbell, Associate 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

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

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

Robert G. Cupp, Lecturer
B.A. 1986, M.A. 1989, California State University, San Bernardino

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

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

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

Cari Goetz, Assistant Professor
B.S. 2006, University of California, Los Angeles
Ph.D. 2014, University of Texas, Austin

Christina Hassija, Associate Professor
Ph.D., 2011, University of Wyoming

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

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

Janet L. Kottke, Professor
B.A. 1978, Wartburg College
Undergraduate Degrees

Bachelor of Arts

- Human Development
  - Lifespan Track (http://bulletin.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/human-development-lifespan-ba)

- Psychology (http://bulletin.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychology-ba)
  - Industrial/Organizational Psychology Concentration (http://bulletin.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychology-ba/industrial-organizational-concentration)
  - Biological Psychology (http://bulletin.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychology-biological-ba)

Graduate Degrees

Master of Arts

- Child Development (http://bulletin.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/child-development-ma)

- Psychological Science (http://bulletin.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychological-science-ma)

Master of Science

- Psychology (http://bulletin.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychology-ms) with concentrations in:
  - Clinical Counseling
  - Industrial/Organizational

Emeriti

Sybil Carrere, Professor, Associate Professor of Psychology

Gloria A. Cowan, Professor

Robert Cramer, Professor
Minor
- Psychology (http://bulletin.csusb.edu/colleges-schools-departments/social-behavioral-sciences/psychology/psychology-minor)

Child Development Courses

**CD 531. Understanding and Guiding Child Behavior. 2 Units.**
Study of child behavior and guidance strategies.

**CD 532. Best Practice with Young Children. 2 Units.**
Best practice with children and families using evidence-based strategies. Topics may include dual language development, family and community engagement, learning environments and curriculum, and special needs inclusion.

**CD 611B. Advanced Independent Study. 2 Units.**
Prerequisites: PSYC 640 and consent of psychology department. Advanced research on a specific topic selected by the student with the approval of the student's committee. May be repeated up to two times for a maximum of 15 units credit with approval of the student's committee and the psychology department chair. Only 5 units are required for the master's degree. Formerly HD 611B.

**CD 611C. Advanced Independent Study. 3 Units.**
Prerequisites: PSYC 640 and consent of psychology department. Advanced research on a specific topic selected by the student with the approval of the student's committee. May be repeated up to two times for a maximum of 15 units credit with approval of the student's committee and the psychology department chair. Only 5 units are required for the master's degree. Formerly HD 611C.

**CD 611D. Advanced Independent Study. 4 Units.**
Prerequisites: PSYC 640 and consent of psychology department. Advanced research on a specific topic selected by the student with the approval of the student's committee. May be repeated up to two times for a maximum of 15 units credit with approval of the student's committee and the psychology department chair. Only 5 units are required for the master's degree. Formerly HD 611D.

**CD 611E. Advanced Independent Study. 5 Units.**
Prerequisites: PSYC 640 and consent of psychology department. Advanced research on a specific topic selected by the student with the approval of the student's committee. May be repeated up to two times for a maximum of 15 units credit with approval of the student's committee and the psychology department chair. Only 5 units are required for the master's degree. Formerly HD 611E.

**CD 612B. Directed Readings. 2 Units.**
Prerequisites: graduate standing and consent of psychology department. Supervised readings of special topics under the direction of a faculty member. Formerly HD 612B.

**CD 612C. Directed Readings. 3 Units.**
Prerequisites: graduate standing and consent of psychology department. Supervised readings of special topics under the direction of a faculty member. Formerly HD 612C.

**CD 612D. Directed Readings. 4 Units.**
Prerequisites: graduate standing and consent of psychology department. Supervised readings of special topics under the direction of a faculty member. Formerly HD 612D.

**CD 612E. Directed Readings. 5 Units.**
Prerequisites: graduate standing and consent of psychology department. Supervised readings of special topics under the direction of a faculty member. Formerly HD 612E.

**CD 614. Theories of Child Development. 4 Units.**
Prerequisites: classified standing in the M.A. in Child Development and consent of department. Overview of major child development theories. Formerly HD 614.

**CD 624. Advanced Developmental Neuroscience. 4 Units.**
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.

**CD 645. Advanced Infancy and Early Childhood Development. 4 Units.**
Prerequisites: classified standing and consent of psychology department. Research and theory relating to prenatal development through age five. Classic theory and current literature concerning development in physical, cognitive, language, social and emotional domains will be examined. Formerly HD 645 and PSYC 645.

**CD 646. Advanced Middle Childhood and Adolescent Development. 4 Units.**
Prerequisites: classified standing and consent of department. Theoretical and empirical contributions to understanding physical, cognitive, and social-emotional development during the school-age period (6-12) and adolescence (13-18). Formerly HD 646 and PSYC 646.

**CD 648. Social-Emotional Development. 4 Units.**
Prerequisites: classified graduate standing in M.A. in Child Development, Psychology M.A. or M.S. degree programs, and consent of psychology department. Research and theories of social and emotional development from birth to adolescence. Emphasis on major facets of social-emotional development. Formerly HD 648 and PSYC 648.

**CD 651. Advanced Cognitive Development. 4 Units.**
Prerequisites: classified standing and consent of psychology department. 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. Formerly HD 651 and PSYC 651.
CD 659. Early Childhood Assessment. 4 Units.
Prerequisites: classified graduate standing or consent of psychology department
Review of major approaches to early childhood assessment practices. Formerly HD 659.

CD 689B. Externship in Child Development. 2 Units.
Prerequisites: 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. The externship requires approval by a faculty supervisor. Graded credit/no credit. Formerly HD 689B.

CD 689C. Externship in Child Development. 3 Units.
Prerequisites: 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. The externship requires approval by a faculty supervisor. Graded credit/no credit. Formerly HD 689C.

CD 689D. Externship in Child Development. 4 Units.
Prerequisites: 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. The externship requires approval by a faculty supervisor. Graded credit/no credit. Formerly HD 689D.

CD 689E. Externship in Child Development. 5 Units.
Prerequisites: 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. The externship requires approval by a faculty supervisor. Graded credit/no credit. Formerly HD 689D.

CD 690. Families and Planning. 4 Units.
Prerequisites: classified graduate standing
A review of research on selected topics related to family and parenting issues, and the relation of such to child development. Formerly HD 690.

CD 695. Graduate Project. 5 Units.
Prerequisites: 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 Psychology. Includes completion of a written document containing the elements described above and a formal defense. Formerly HD 695.

CD 699. Thesis. 5 Units.
Prerequisites: 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.

CD 999. Comprehensive Examination. 0 Units.
Prerequisites: advancement to candidacy and consent of psychology department, completion of coursework in the M.A. in Child Development, and in good academic standing
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. Formerly HD 999.

Human Development Courses

HD 205. Diversity in Child Development. 4 Units.
Prerequisites: HD 240, PSYC 201 or 240
Theories of cultural and ethnic diversity and their applications to child development. Emphasis will be given to the impact of diversity in professional settings involving children. Formerly HD 305.

HD 215. Child, Family, and Community. 4 Units.
Prerequisites: 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.

HD 240. Introduction to Child Development. 4 Units.
Comprehensive introduction to child development from conception through adolescence. Emphasis is on physical, cognitive social, emotional and language development. (Offered as HD 240 and PSYC 240. Students may not receive credit for both.).

HD 245. Observation and Methods in Child Development: Early Childhood. 2 Units.
Prerequisite/Corequisite: HD 240
Introduction to observational methodologies and techniques used in the study of early childhood behavior. Students will observe, record, analyze and interpret early childhood behavior as they relate to developmental principles, theories and current research.

HD 246. Observation and Methods in Child Development: Middle Childhood. 2 Units.
Prerequisite/Corequisite: HD 240
Introduction to observational methodologies and techniques used in the study of middle childhood behavior. Students will observe, record, analyze and interpret middle childhood behavior as they relate to developmental principles, theories and current research.

HD 247. Observation and Methods in Child Development: Adolescence. 2 Units.
Prerequisite/Corequisite: HD 240
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.

HD 270. Infant and Toddler Development. 4 Units.
Prerequisites: PSYC 100 and current TB test
Prenatal, neonatal, infant, and toddler development through age two. Formerly PSYC 270.
HD 271. Group Education and Care of Infants and Toddlers. 4 Units.
Prerequisites: HD 270
Issues related to group care of infants and toddlers, with an emphasis on relationships and appropriate interactions between infants/toddlers and their caregivers. Health, safety, nutrition, family-caregiver relationships, and components of physical space will also be addressed.

HD 272. Curriculum and Programs for Infants and Toddlers. 4 Units.
Prerequisites: HD 270, 271 and 291
Methods, materials and activities in group care settings for infants and toddlers.

HD 280. Early Childhood Development. 4 Units.
Prerequisites: PSYC 100
Physical, social, emotional, and intellectual development of the young child from ages two to eight.

HD 281. Guidance of Young Children. 4 Units.
Prerequisites: HD 280
Child guidance theories and their implications for communicating and interacting with young children, for guiding child behavior, and for designing early childhood settings. Formerly HD 281A.

HD 282. Early Childhood Curriculum and Programs. 4 Units.
Prerequisites: HD 281 and HD 291
Methods, materials, and activities in early childhood education. Formerly HD 282A.

HD 291. Interactions with Young Children: Laboratory. 2 Units.
Prerequisites: HD 270 or HD 280, concurrent or prior enrollment in either HD 271 or HD 281, and current TB test
Supervised experience focusing on developmentally appropriate practices in communicating and interacting with young children and guiding child behavior. Six hours laboratory. Formerly HD 281B.

HD 292. Curriculum and Program: Laboratory. 2 Units.
Prerequisites: HD 271 or HD 281, concurrent enrollment in HD 272 or HD 282, and current TB test
Supervised experience focusing on planning, implementing, and evaluating curriculum activities with young children. Six hours laboratory. Formerly HD 282B.

HD 302. History of Childhood. 4 Units.
Historical survey of childhood within the contexts of family and society.

HD 304. Theories of Play. 4 Units.
Prerequisites: PSYC 201 (or equivalent) or HD 280 or PSYC 280
Interdisciplinary survey of theories of play and their applications to child development.

HD 310. Applied Research Methods. 4 Units.
Prerequisites: PSYC 100 and PSYC 210
Overview of applied research methods in psychology and the behavioral sciences. 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. (Offered as HD 310 and PSYC 310. Students may not receive credit for both.).

HD 315. The School-Aged Child. 3 Units.
Corequisites: EELB 310
An interdisciplinary perspective of school-aged childrens (5-12 years old) physical, cognitive, social and emotional development in educational settings. Emphasis will be placed on linking childrens developmental characteristics with the school environment and developmentally-appropriate classroom practices. Requires five hours of observation and participation in a public elementary school classroom.

HD 324. Developmental Psychobiology. 4 Units.
Prerequisites: PSYC 100
Psychobiological bases of human behavioral development throughout the life span. Offered as HD 324 and PSYC 324. Students may not receive credit for both.

HD 372. Psychology of Death and Dying. 4 Units.
Prerequisites: PSYC 201 or equivalent
A review of current theory and research on the psychology of grief, death and dying. Offered as HD 372 and PSYC 324. Students may not receive credit for both.

HD 400. Child Assessment. 5 Units.
Prerequisites: one of the following: HD 240, HD 280, PSYC 201 or PSYC 240; and one of the following: HD 245, HD 246 or HD 247
Theory and procedures for assessing cognitive, social, and motor abilities in infants and children. Includes a practicum in administering and interpreting selected developmental screening tests. Four hours lecture and three hours practicum. (Also offered as PSYC 400. Students may not receive credit for both.).

HD 460. Adult Assessment. 4 Units.
Prerequisites: PSYC 329 or SOC 330 or HSCI 423, or consent of instructor
Theory, issues, and procedures in assessment of physical, cognitive, social and emotional functioning in adulthood and old age.

HD 480. Advanced Human Development. 4 Units.
Prerequisites: senior standing, 12 units of course work in human growth and development
Theory and research on physical, social, psychological and cultural aspects of human development from an interdisciplinary perspective. Formerly HD 580.
HD 513. Motivation and Behavior Management of Children. 3 Units.
Prerequisites: senior standing, EELB 310 and HD 315 or equivalent. Addresses developmentally-appropriate practices in motivating and sustaining school-aged children's interest, involvement, and appropriate conduct. Theories of achievement, motivation and research on student involvement will be addressed as they apply to classrooms where students differ in culture, gender, language, ethnicity, socioeconomic status, and handicapping conditions. Approaches to management of classroom resources and student behavior will be analyzed as students develop their own discipline plans. Five hours of observation/participation in a public elementary school classroom are required.

HD 520. Intergenerational Aspects of Human Development. 4 Units.
Theory and research on the processes through which family members of different generations influence one another’s development.

HD 530. Issues in Early Childhood Education. 4 Units.
Prerequisites: upper-division or graduate status. Current theories, research and methodology in early childhood education with an emphasis on practice with children and families. Formerly a topic under HD 582D.

HD 540. Work, Retirement and Leisure. 4 Units.
Prerequisites: PSYC 100. Theory and research on work, retirement and leisure during the adult years. Offered as HD 540 and PSYC 540. Students may not receive credit for both.

HD 550. Development of Intimate Relationships. 4 Units.
Prerequisites: upper division or graduate standing in Human Development/Child Development or Psychology. 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 a topic under HD 580.

HD 575. Internship. 4 Units.
Prerequisites: consent of instructor and department. Supervised work and study in private and public organizations. May be repeated once for credit. Only four units may be applied to upper-division credit in the Human Development major. Arrangements for the internship must be made during the quarter preceding the quarter in which the student plans on enrolling in this course (see Human Development coordinator). Graded credit/no credit.

HD 582A. Special Topics in Human Development. 1 Unit.
Prerequisites: upper-division or graduate standing. An intensive study of selected topics related to human development. May be repeated for credit as topics change.

HD 582B. Special Topics in Human Development. 2 Units.
Prerequisites: upper-division or graduate standing. An intensive study of selected topics related to human development. May be repeated for credit as topics change.

HD 582C. Special Topics in Human Development. 3 Units.
Prerequisites: upper-division or graduate standing. An intensive study of selected topics related to human development. May be repeated for credit as topics change.

HD 582D. Special Topics in Human Development. 4 Units.
Prerequisites: upper-division or graduate standing. An intensive study of selected topics related to human development. May be repeated for credit as topics change.

HD 582E. Special Topics in Human Development. 5 Units.
Prerequisites: upper-division or graduate standing. An intensive study of selected topics related to human development. May be repeated for credit as topics change.

HD 585. Student Teaching in Early Childhood Education. 4 Units.
Prerequisites: HD 272 or 282, and 292, consent of instructor and department and current TB test. Supervised teaching in early childhood education programs. Formerly HD 585D. Graded credit/no credit.

HD 595B. Independent Study. 2 Units.
Prerequisites: a minimum overall grade point average of 3.0, consent of instructor, and departmental approval of a written proposal of a project submitted on a standard application filed in advance of the quarter in which the course is to be taken. Special topics involving literature or field study. A total of eight units of HD 595 may be applied toward graduation, of which a maximum of four units can be applied toward upper-division elective requirements in the major.

HD 595C. Independent Study. 3 Units.
Prerequisites: a minimum overall grade point average of 3.0, consent of instructor, and departmental approval of a written proposal of a project submitted on a standard application filed in advance of the quarter in which the course is to be taken. Special topics involving literature or field study. A total of eight units of HD 595 may be applied toward graduation, of which a maximum of four units can be applied toward upper-division elective requirements in the major.

HD 595D. Independent Study. 4 Units.
Prerequisites: a minimum overall grade point average of 3.0, consent of instructor, and departmental approval of a written proposal of a project submitted on a standard application filed in advance of the quarter in which the course is to be taken. Special topics involving literature or field study. A total of eight units of HD 595 may be applied toward graduation, of which a maximum of four units can be applied toward upper-division elective requirements in the major.

HD 597. Honors Seminar. 4 Units.
Prerequisites: PSYC 311 and consent of department. Provides an opportunity for students to develop an independent project under faculty supervision. Students will meet as a class to discuss their projects, as well as various advanced topics. Enrollment is limited to students whose formal application for departmental honors is approved. (Offered as HD 597 and PSYC 597. Students may not receive credit for both.).
HD 598A. Honors Project I. 2 Units.
Prerequisites: PSYC 597 and consent of department
Provides an opportunity for students to conduct an independent project under faculty supervision. 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. (Offered as HD 598A and PSYC 598A. Students may not receive credit for both.).

HD 598B. Honors Project II. 2 Units.
Prerequisites: PSYC 598A and consent of department
Provides an opportunity for students to conduct an independent project under faculty supervision. 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. (Offered as HD 598B and PSYC 598B. Students may not receive credit for both.).

Psychology Courses

PSYC 100. Introduction to Psychology. 4 Units.
(GE=D4)
A survey of the field of modern psychology.

PSYC 101. Psychology as a Major. 1 Unit.
Prerequisites: PSYC 100
A survey of different areas of specialization and professional activities of psychologists. Graded credit/no credit.

PSYC 105. Critical Thinking Through Problems Analysis. 4 Units.
(GE=A4)
Development of basic skills in critical thinking including identifying and understanding common fallacies, recognizing techniques of persuasion and propaganda, problem solving strategies, and applying skills of critical thinking to the complex issues of everyday life.

PSYC 115. Personal and Social Adjustment. 2 Units.
(GE=E2)
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.

PSYC 120. Career Development. 2 Units.
Examination of the world of work and individual self-assessments, including exploration of career aspirations and goals.

PSYC 201. Developmental Psychology. 4 Units.
Prerequisites: PSYC 100
Introduction to the psychological development of the person from the prenatal period through old age.

PSYC 210. Psychological Statistics. 5 Units.
Introduction to statistical reasoning and application of basic statistical procedures in psychology. Includes both descriptive and inferential statistics with emphasis on parametric techniques. Credit may not be received for more than one of the following courses: ADMN 210, PSYC 210, or SSCI 215. Four hours lecture and three hours of laboratory.

PSYC 240. Introduction to Child Development. 4 Units.
Comprehensive introduction to child development from conception through adolescence. Emphasis is on physical, cognitive social, emotional and language development. (Offered as HD 240 and PSYC 240. Students may not receive credit for both.).

PSYC 300. Positive Psychology. 4 Units.
Exploration of theories and empirical research related to positive psychology. Topics include values, human strengths, health, positive thinking, happiness, gratitude, and close relationships.

PSYC 301. Psychology of Human Sexuality. 4 Units.
Theory and empirical findings from the areas of social, developmental, physiological, and clinical psychology as they apply to human sexual behavior.

PSYC 302. Management and Organizational Behavior. 4 Units.
Introduction to management as it affects operations and the behavior of people in relation to the functional fields of administration. Selected behavioral concepts analyzed with respect to applications in management. Offered as MGMT 302 and PSYC 302. Students may not receive credit for both.

PSYC 303. Parenting and Family Relations. 4 Units.
Prerequisites: PSYC 100 and PSYC 201 or equivalent
Effects of parenting and intra-family relations on child and life-span psychological development.

PSYC 305. Language Development. 4 Units.
Prerequisites: HD 240 or PSYC 201 or 240
An introduction to theory and research on the psychological study of language, first language acquisition, and the relation of language to thought and culture.

PSYC 308. Psychology and the Movies. 4 Units.
Exploring psychology through the movies. Movies will be screened during class and used as a vehicle for discussing such psychological topics as mental illness, the portrayal of psychiatry and therapy, creativity, relations between different ethnicities and cultures, gender issues, biases and prejudices, and other essential topics.

PSYC 310. Applied Research Methods. 4 Units.
Prerequisites: PSYC 100 and PSYC 210
Overview of applied research methods in psychology and the behavioral sciences. 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. (Offered as HD 310 and PSYC 310. Students may not receive credit for both.).
PSYC 311. Introduction to Experimental Psychology. 6 Units.
Prerequisites: PSYC 100 and 210; restricted to psychology majors, human development majors, human services majors or consent of department.
Design and execution of psychological research. Four hours lecture and six hours laboratory.

PSYC 315. Communication Processes. 5 Units.
Prerequisites: PSYC 100
Introduction to the nature of the helping process with emphasis on strategies of behavior change, interpersonal communication and basic helping skills. Four hours lecture and two hours laboratory.

PSYC 318. Health Psychology. 4 Units.
Prerequisites: 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.

PSYC 320. Psychology of Middle Childhood. 4 Units.
Theories and their applications to physical, cognitive, social and emotional development during the middle childhood years. A field based component will be required.

PSYC 324. Developmental Psychobiology. 4 Units.
Prerequisites: PSYC 100
Psychobiological bases of human behavioral development throughout the life span. Offered as HD 324 and PSYC 324. Students may not receive credit for both.

PSYC 328. Psychology of Adolescent Development. 4 Units.
Theory and empirical literature concerning the physical, cognitive, social, and emotional changes from puberty to adulthood. A field based component will be required.

PSYC 329. Psychology of Adulthood and Aging. 4 Units.
Prerequisites: PSYC 100 and PSYC 201, 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.

PSYC 331. The Psychology of Women. 4 Units.
Prerequisites: PSYC 100
A critical study of theory and data on the psychological development of females; their attitudes, behaviors, psychopathologies, abilities and self-images.

PSYC 333. Drugs and Behavior. 4 Units.
Prerequisites: 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.

PSYC 334. Addiction and Recovery. 4 Units.
Prerequisites: 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.

PSYC 339. Human Psychophysiology. 4 Units.
Prerequisites: PSYC 100 or consent of instructor
An examination of the human psychophysiological literature with emphasis on research findings, clinical applications and theory related to the analysis of the relationships between bodily processes, psychological states and behavior.

PSYC 340. Stereotyping, Prejudice and Discrimination. 4 Units.
Prerequisites: PSYC 100 or consent of instructor
Psychological underpinnings of stereotyping, prejudice, and discrimination are examined. Implicit and explicit attitudes of bias such as sexism, racism, and homophobia, and the effects of these attitudes on the self and health, and interventions that reduce attitudes are studied.

PSYC 341. Women and Violence. 4 Units.
Prerequisites: 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; including service learning. Formerly a topic under PSYC 375. Two hours lecture and 40 hours of volunteer training.

PSYC 345. Cross-Cultural Psychology. 4 Units.
Cross-cultural psychology focusing on cultural variability in basic psychological processes and the cultural limits of traditional psychological theories.

PSYC 349. The Psychology of Gays and Lesbians. 4 Units.
Analysis of theories and research on homosexuality, social reactions to homosexuality, and gay and lesbian cultural adaptations.

PSYC 350. Development of Exceptional Children. 4 Units.
Prerequisites: HD 240, HD 280, or PSYC 201
Review of theory, assessment, management, and rehabilitation of exceptional children. Includes developmental implications of specific medical conditions, retardation, and learning/cognitive dysfunctions.

PSYC 351. Behavior Modification: Principles and Applications. 4 Units.
Prerequisites: PSYC 100 or consent of instructor
Analysis of the theory, techniques and ethics of behavior modification.

PSYC 355. Industrial Psychology. 4 Units.
Prerequisites: PSYC 100 or consent of instructor
Practices of modern industrial and personnel psychology. Includes selection, placement, training, motivation, job analysis, evaluation and human factors.
PSYC 357. History and Systems of Psychology. 4 Units.
Prerequisites: PSYC 100
A historical framework for integrating basic orientations in contemporary psychology, including the development of the major schools of thought in psychology.

PSYC 358. Cognitive Development. 4 Units.
Prerequisites: 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.

PSYC 359. Evolutionary Psychology. 4 Units.
Prerequisites: PSYC 100
Exploration of the theories and empirical research related to evolutionary psychology. Topics include mating, status, cooperation, aggression and warfare, kin relationships, and sexual conflict.

PSYC 360. Cognitive Psychology. 4 Units.
Prerequisites: PSYC 100
Research and theories concerning human information processing; topics include sensory processes, attention, memory, language and other higher mental processes.

PSYC 361. Intelligence and Creativity. 4 Units.
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 a topic under PSYC 375.

PSYC 362. Learning and Motivation. 4 Units.
Prerequisites: PSYC 100
Survey of research and major theories in animal and human learning and motivation. Applications of learning and motivational principles.

PSYC 363. Biological Psychology. 4 Units.
Prerequisites: 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.

PSYC 364. Perception. 4 Units.
Prerequisites: PSYC 100 or consent of instructor
Selected topics in the field of perceptual processes. Includes review of contemporary theories and research. Class demonstrations and mini-projects.

PSYC 365. Cognitive Neuroscience. 4 Units.
Prerequisites: PSYC 363 or consent of instructor
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.

PSYC 367. Neuropsychiatric Disorders. 4 Units.
Prerequisites: PSYC 100 or consent of instructor
An examination of brain systems involved in psychiatric syndromes and neurological disorders, including Parkinsons disease, Alzheimers disease, schizophrenia, depression, and bipolar disorders. Provides a basic understanding of brain dysfunctions that contribute to these disorders and rationales for pharmacological treatments.

PSYC 368. MARC Seminar I. 2 Units.
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 368, PSYC 368, and SSCI 368 (students may receive credit for only one of these courses). Enrollment is limited to students whose formal application to the Minority Access to Research Careers (MARC) program is approved.

PSYC 370. Topics in Psychology. 2 Units.
Prerequisites: PSYC 100
Selected psychology topics with specific focus within relatively narrow content areas. May be repeated for credit as topics change.

PSYC 372. Psychology of Death and Dying. 4 Units.
Prerequisites: PSYC 201 or equivalent
A review of current theory and research on the psychology of grief, death and dying. Offered as HD 372 and PSYC 324. Students may not receive credit for both.

PSYC 375. Seminar in Psychology. 4 Units.
Prerequisites: PSYC 100
Selected topics which encompass areas of current theoretical and/or research interest in psychology. May be repeated for credit as topics change.

PSYC 377. Tests and Measurements. 4 Units.
Prerequisites: PSYC 100 and PSYC 210
Administration of psychological tests and scales; interpretation and use of the data which they yield.

PSYC 381. Forensic Psychology. 4 Units.
Prerequisites: PSYC 100
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 a topic under PSYC 375.

PSYC 382. Psychology of Social Behavior. 4 Units.
Prerequisites: PSYC 100
Major concepts, issues and psychological research regarding social influence on individual behavior.

PSYC 384. Personality and Social Development. 4 Units.
Prerequisites: PSYC 100 and PSYC 201 or equivalents
Development of personality, emotions and social behavior from childhood through adulthood.

PSYC 385. Personality. 4 Units.
Prerequisites: PSYC 100 or consent of instructor
Survey of the major theories of personality.

PSYC 386. Introduction to Psychotherapy. 4 Units.
Prerequisites: PSYC 100
Introduction to theories, methods and research in psychotherapy.
PSYC 387. Community Psychology. 4 Units.
Prerequisites: PSYC 100
Comprehensive study of the discipline of community psychology which emphasizes the relationship of community resources to individual mental health needs.

PSYC 390. Abnormal Psychology. 4 Units.
Prerequisites: PSYC 100 or consent of instructor
An introduction to psychopathology, emphasizing the major interpretations and treatments of emotional and behavioral disorders.

PSYC 391. Psychopathology of Childhood. 4 Units.
Prerequisites: PSYC 100 and PSYC 201
Psychological and emotional disorders of children with special emphasis on diagnostic and clinical treatment.

PSYC 395. Psychology of Consciousness. 4 Units.
Prerequisites: PSYC 100
Human consciousness from the perspectives of the experiential, behavioral and physiological psychology literatures. Includes survey of research and theory on topics such as waking consciousness, dreams, meditation and altered states of consciousness.

PSYC 400. Child Assessment. 5 Units.
Prerequisites: one of the following: HD 240, HD 280, PSYC 201 or PSYC 240; and one of the following: HD 245, HD 246 or HD 247
Theory and procedures for assessing cognitive, social, and motor abilities in infants and children. Includes a practicum in administering and interpreting selected developmental screening tests. Four hours lecture and three hours practicum. (Also offered as PSYC 400. Students may not receive credit for both.).

PSYC 410. Advanced Psychological Statistics. 5 Units.
Prerequisites: 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. Four hours lecture and three hours laboratory.

PSYC 421. Advanced Seminar in Psychology: Developmental. 4 Units.
Prerequisites: 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.

PSYC 422. Advanced Seminar in Psychology: Clinical. 4 Units.
Prerequisites: PSYC 311, PSYC 386, and 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.

PSYC 423. Advanced Seminar in Psychology: Biological. 4 Units.
Prerequisites: 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.

PSYC 424. Advanced Seminar in Psychology: Social. 4 Units.
Prerequisites: 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.

PSYC 425. Advanced Seminar in Psychology: Personality. 4 Units.
Prerequisites: PSYC 311 and 385
A review of contemporary personality theories and the relationship of personality to behavior. Students will develop an advanced project.

PSYC 426. Advanced Seminar in Psychology: Learning and Motivation. 4 Units.
Prerequisites: 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.

PSYC 427. Advanced Seminar in Psychology: Cognition and Perception. 4 Units.
Prerequisites: 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.

PSYC 428. Advanced Seminar in Psychology: Industrial and Organizational. 4 Units.
Prerequisites: PSYC 311, PSYC 377 and one of the following: MGMT 302, PSYC 302 or PSYC 355
A review of industrial/organizational psychology, in selected areas such as work motivation, performance evaluation, training techniques, and selection approaches. Students will develop an advanced project.

PSYC 431. Experimental Psychology: Developmental. 6 Units.
Prerequisites: PSYC 201 and PSYC 311 or consent of instructor
Selected research areas in the fields of child and life-span developmental psychology. Includes review of current literature and experimental techniques in developmental research. Four hours lecture and six hours laboratory.

PSYC 432. Experimental Psychology: Clinical. 6 Units.
Prerequisites: PSYC 311, and either PSYC 386 or 390
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. Four hours lecture and six hours laboratory.
PSYC 433. Experimental Psychology: Biological. 6 Units.
Prerequisites: 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. Four hours lecture and six hours laboratory.

PSYC 434. Experimental Psychology: Social. 6 Units.
Prerequisites: PSYC 311 and 382
Methods, theories and empirical results of experimental social psychology in selected areas such as group dynamics, social perception, communication and attitudes. Four hours lecture and six hours laboratory.

PSYC 435. Experimental Psychology: Personality. 6 Units.
Prerequisites: PSYC 311, 377 and 385
Empirical study of personality theories and the relationship of personality to behavior. Four hours lecture and six hours laboratory.

PSYC 436. Experimental Psychology: Learning and Motivation. 6 Units.
Prerequisites: PSYC 311 and PSYC 362
Selected theories and research in areas of learning and motivation. Includes literature review and experimental analysis. Four hours lecture and six hours laboratory.

PSYC 437. Experimental Psychology: Cognition and Perception. 6 Units.
Prerequisites: PSYC 311 and either PSYC 360 or 364
Empirical study of human information processing, memory, thought and perceptual processes. Four hours lecture and six hours laboratory.

PSYC 438. Experimental Psychology: Industrial and Organizational. 6 Units.
Prerequisites: PSYC 311, 377 and one of the following: MGMT 302, PSYC 302 or 355
Methods and empirical study of industrial-organizational psychology, in selected areas such as work motivation, performance evaluation, training techniques, and selection approaches. Four hours lecture and six hours laboratory.

PSYC 442. Behavioral Neuroscience. 4 Units.
Prerequisites: HD 324, PSYC 324, or PSYC 363, or consent of instructor
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.

PSYC 468. MARC Seminar II. 2 Units.
Prerequisites: NSCI 368, PSYC 368 or SSCI 368
A selected examination of original research articles in behavioral and biomedical sciences focusing on improving scientific writing skills, shaping long-term research projects, and the development of research funding proposals. Offered as NSCI 468, PSYC 368, and SSCI 468 (students may receive credit for only one of these courses). Enrollment is limited to students whose formal application to the Minority Access to Research Careers (MARC) program is approved.

PSYC 530. Instructional Assistant Practicum. 2 Units.
Prerequisites: For undergraduates, Psychology major status and consent of the department; for graduate students, classified standing in Psychology M.S. or M.A
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 degree program.

PSYC 538. Introduction to Psychopharmacology. 4 Units.
Prerequisites: 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.

PSYC 540. Work, Retirement and Leisure. 4 Units.
Prerequisites: PSYC 100
Theory and research on work, retirement and leisure during the adult years. Offered as HD 540 and PSYC 540. Students may not receive credit for both.

PSYC 575. Internship in Psychology. 4 Units.
Prerequisites: consent of instructor and department
Supervised work and study in private or public organizations. May be repeated once for credit. (Only four units of PSYC 575 may be applied to the psychology major.) Graded credit/no credit.

PSYC 581A. Seminar in Industrial/Organizational Psychology: Current Professional Issues. 2 Units.
Prerequisites: upper-division or graduate standing and consent of department
Selected topics in industrial/organizational psychology. M.S. I/O option candidates are required to take all seven topics. Same topic may not be repeated for credit.

PSYC 581B. Seminar in Industrial/Organizational Psychology: Organizational Leadership. 2 Units.
Prerequisites: upper-division or graduate standing and consent of department
Selected topics in industrial/organizational psychology. M.S. I/O option candidates are required to take all seven topics. Same topic may not be repeated for credit.

PSYC 581C. Seminar in Industrial/Organizational Psychology: Processes of Work Groups. 2 Units.
Prerequisites: upper-division or graduate standing and consent of department
Selected topics in industrial/organizational psychology. M.S. I/O option candidates are required to take all seven topics. Same topic may not be repeated for credit.
PSYC 581D. Seminar in Industrial/ Organizational Psychology: Training and Executive Development. 2 Units.
Prerequisites: upper-division or graduate standing and consent of department
Selected topics in industrial/organizational psychology. M.S. I/O option candidates are required to take all seven topics. Same topic may not be repeated for credit.

PSYC 581E. Seminar in Industrial/ Organizational Psychology: Ethical Issues in Organizations. 2 Units.
Prerequisites: upper-division or graduate standing and consent of department
Selected topics in industrial/organizational psychology. M.S. I/O option candidates are required to take all seven topics. Same topic may not be repeated for credit.

PSYC 581F. Seminar in Industrial/ Organizational Psychology: Diversity in Organizations. 2 Units.
Prerequisites: upper-division or graduate standing and consent of department
Selected topics in industrial/organizational psychology. M.S. I/O option candidates are required to take all seven topics. Same topic may not be repeated for credit.

PSYC 581G. Seminar in Industrial/ Organizational Psychology: Legal Issues for Organizational Professionals. 2 Units.
Prerequisites: upper-division or graduate standing and consent of department
Selected topics in industrial/organizational psychology. M.S. I/O option candidates are required to take all seven topics. Same topic may not be repeated for credit.

PSYC 595B. Independent Study. 2 Units.
Prerequisites: a minimum overall grade point average of 3.0, consent of instructor and departmental approval of a written proposal of a project submitted on a standard application filed in advance of the quarter in which the course is to be taken
Special topics involving literature and/or experimental effort. A total of eight units of PSYC 595 may be applied toward graduation, of which a maximum of four units can be applied toward the upper-division requirements in the psychology major.

PSYC 595C. Independent Study. 3 Units.
Prerequisites: a minimum overall grade point average of 3.0, consent of instructor and departmental approval of a written proposal of a project submitted on a standard application filed in advance of the quarter in which the course is to be taken
Special topics involving literature and/or experimental effort. A total of eight units of PSYC 595 may be applied toward graduation, of which a maximum of four units can be applied toward the upper-division requirements in the psychology major.

PSYC 595D. Independent Study. 4 Units.
Prerequisites: a minimum overall grade point average of 3.0, consent of instructor and departmental approval of a written proposal of a project submitted on a standard application filed in advance of the quarter in which the course is to be taken
Special topics involving literature and/or experimental effort. A total of eight units of PSYC 595 may be applied toward graduation, of which a maximum of four units can be applied toward the upper-division requirements in the psychology major.

PSYC 596. Practicum in Psychology: Peer Advising. 2 Units.
Prerequisites: consent of instructor and department
Theory, training, and practice in the basic knowledge, skills, and abilities involved in academic peer advising. One hour seminar, three hours practicum. A total of eight units may be applied toward graduation, of which a maximum of four units can be an upper-division elective in the psychology or human development major. Graded credit/no credit. An application must be submitted during the quarter prior to the quarter student plans to enroll.

PSYC 597. Honors Seminar. 4 Units.
Prerequisites: PSYC 311 and consent of department
Provides an opportunity for students to develop an independent project under faculty supervision. Students will meet as a class to discuss their projects, as well as various advanced topics. Enrollment is limited to students whose formal application for departmental honors is approved. (Offered as HD 597 and PSYC 597. Students may not receive credit for both.).

PSYC 598A. Honors Project I. 2 Units.
Prerequisites: PSYC 597 and consent of department
Provides an opportunity for students to conduct an independent project under faculty supervision. 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. (Offered as HD 598A and PSYC 598A. Students may not receive credit for both.).

PSYC 598B. Honors Project II. 2 Units.
Prerequisites: PSYC 598A and consent of department
Provides an opportunity for students to conduct an independent project under faculty supervision. 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. (Offered as HD 598B and PSYC 598B. Students may not receive credit for both.).

PSYC 601. Performance Assessment. 4 Units.
Prerequisites: classified graduate standing in M.A. or M.S. degree program or consent of department
Current research and methods of performance appraisal. Topics include the study of job analysis, performance appraisal process and instrumentation, and job evaluation. Formerly PSYC 661.

PSYC 602. Organizational Development. 4 Units.
Prerequisites: classified graduate standing in M.A. or M.S. degree program or consent of department
Critical review of current psychological theories and methods of organizational change. Topics include organization processes and interventions at the organizational and group levels. Formerly PSYC 660.
PSYC 603. Personnel Selection and Validation. 4 Units.
Prerequisites: classified graduate standing in M.A. or M.S. 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 PSYC 662.

PSYC 604. Work Motivation and Organizational Reward Systems. 4 Units.
Prerequisites: classified graduate standing in M.A. or M.S. degree program or consent of department
Review and critical discussion of major theories and current research of motivation in the workplace, including examination of research on reward and compensation systems, and a review and discussion of their application in work organizations.

PSYC 609B. Graduate Research in Psychology. 2 Units.
Prerequisites: 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.

PSYC 609C. Graduate Research in Psychology. 3 Units.
Prerequisites: 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.

PSYC 609D. Graduate Research in Psychology. 4 Units.
Prerequisites: 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.

PSYC 609E. Graduate Research in Psychology. 5 Units.
Prerequisites: 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.

PSYC 611B. Advanced Independent Study. 2 Units.
Prerequisites: 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 committee. May be repeated up to two times for a maximum of 15 units credit with approval of the students committee and the department chair. Only five units are required for the masters degree.

PSYC 611C. Advanced Independent Study. 3 Units.
Prerequisites: 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 committee. May be repeated up to two times for a maximum of 15 units credit with approval of the students committee and the department chair. Only five units are required for the masters degree.

PSYC 611D. Advanced Independent Study. 4 Units.
Prerequisites: 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 committee. May be repeated up to two times for a maximum of 15 units credit with approval of the students committee and the department chair. Only five units are required for the masters degree.

PSYC 611E. Advanced Independent Study. 5 Units.
Prerequisites: 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 committee. May be repeated up to two times for a maximum of 15 units credit with approval of the students committee and the department chair. Only five units are required for the masters degree.

PSYC 612B. Directed Readings. 2 Units.
Prerequisites: graduate standing and consent of department
Special topics involving supervised readings under the direction of a faculty member.

PSYC 612C. Directed Readings. 3 Units.
Prerequisites: graduate standing and consent of department
Special topics involving supervised readings under the direction of a faculty member.

PSYC 612D. Directed Readings. 4 Units.
Prerequisites: graduate standing and consent of department
Special topics involving supervised readings under the direction of a faculty member.

PSYC 612E. Directed Readings. 5 Units.
Prerequisites: graduate standing and consent of department
Special topics involving supervised readings under the direction of a faculty member.

PSYC 613. Short-term Counseling. 4 Units.
Prerequisites: classified standing and consent of department
Counseling skills and strategies for short-term therapeutic intervention.

PSYC 614. Couples Counseling. 4 Units.
Prerequisites: classified standing and consent of department
Theory and practice of counseling with couples.

PSYC 615. Group Counseling. 4 Units.
Prerequisites: classified standing and consent of department
Theory and practice of group counseling.
PSYC 616. Child and Spousal/Partner Abuse. 4 Units.
Prerequisites: classified standing and consent of department

PSYC 617. Clinical Psychopharmacology. 4 Units.
Theory and application of psychotropic principles for the major DSM psychiatric disorders, including the examination of the effects of the psychotropic medications on experience, behavior and symptoms.

PSYC 618. Community and Public Mental Health. 4 Units.
Prerequisites: classified standing and consent of department
Provision of marriage and family therapy in community and public mental health, including recovery-oriented principles, client advocacy, case management, and systems of care as well as strategies for therapeutic intervention consistent with recovery-oriented, strengths-based practice.

PSYC 619. Community Disaster, Trauma and Resilience. 4 Units.
Prerequisites: classified standing and consent of department
Community disaster and trauma response as well as training in resiliency models for recovering from trauma.

PSYC 630. Teaching of Psychology. 2 Units.
Prerequisites: classified graduate status in psychology and consent of department
Instructional methods for teaching of psychology at the college level.

PSYC 631. Academic Research in Psychology. 2 Units.
Professional issues related to academic research. Topics include how to review a journal article, submit an article, present a talk and summarize one's research.

PSYC 633. Professional Ethics and Law. 4 Units.
Prerequisites: classified standing in Psychology M.S. degree program and consent of department
Ethical and legal considerations involved in counseling practice, including statutory law, legal trends, and ethical behavior in the mental health profession.

PSYC 636. Cross-Cultural Counseling. 4 Units.
Prerequisites: classified standing in Psychology M.S. or M.A. degree program and consent of department
Study of how cultural values and ethnic backgrounds influence counseling process and outcome, with focus on counseling with Blacks, Hispanics, Asians, and Native Americans.

PSYC 638. Substance Abuse: Detection, Assessment and Treatment. 4 Units.
Prerequisites: classified standing in Psychology M.S. or M.A. degree 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.

PSYC 640. Advanced Methods in Psychological Research. 4 Units.
Prerequisites: 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.

PSYC 641. Analysis of Variance. 5 Units.
Prerequisites: classified standing and 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. Four hours lecture and three hours laboratory. Formerly PSYC 570.

PSYC 642. Regression and Nonparametric Statistics. 4 Units.
Prerequisites: classified standing and 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 activity section. Three hours lecture and two hours activity.

PSYC 643. Multivariate Methods. 4 Units.
Prerequisites: PSYC 641 or equivalent, classified standing and consent of department
Multivariate models used in psychological research, including multiple regression, discriminant function analysis, factor analysis, canonical analysis, and multiple analysis of variance. Three hours lecture and two hours activity.

PSYC 644. Applied Psychological Measurement. 4 Units.
Prerequisites: classified graduate standing in M.A. or M.S. 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. Formerly PSYC 663. Three hours lecture and two hours activity.

PSYC 647. Advanced Adulthood and Aging Development. 4 Units.
Prerequisites: PSYC 640 and classified graduate status
Key topics in developmental psychology concerning young, middle aged and older adults. Specialized methodological and measurement concerns will be discussed as well as age-related changes and theoretical/empirically based applications.

PSYC 650. Advanced Cognitive Psychology. 4 Units.
Prerequisites: classified graduate standing in Psychology M.A. or M.S. degree programs and consent of department
Research and theories in the psychology of thinking, knowing and remembering.
PSYC 652. Advanced Learning and Motivation. 4 Units.
Prerequisites: classified graduate standing in Psychology M.A. or M.S. degree programs and consent of department
Major theories and research in learning and motivation with emphasis on current issues.

PSYC 654. Advanced Life-Span Developmental Psychology. 4 Units.
Prerequisites: classified graduate standing in Psychology M.A. or M.S. degree programs and consent of department
Examination of the developmental processes, theories, issues and research in life-span developmental psychology.

PSYC 655. Advanced Seminar in Developmental Psychology. 4 Units.
Prerequisites: classified standing and consent of department
Selected current issues and advanced topics of theoretical, research or applied interest in developmental psychology.

PSYC 656. Advanced Biological Psychology. 4 Units.
Prerequisites: classified graduate standing in Psychology M.A. or M.S. degree programs and consent of department
Study of biological bases of behavior with emphasis on recent research.

PSYC 658. Advanced Personality and Social Psychology. 4 Units.
Prerequisites: classified graduate standing in Psychology M.A. or M.S. degree programs and consent of department
Major theories, methods and empirical findings in personality and social psychology.

PSYC 664. Applied Life-Span Developmental Psychology. 4 Units.
Prerequisites: classified standing and consent of department
Conceptual, methodological and policy related issues in the application of developmental psychology to applied settings.

PSYC 665. Psychopathology. 4 Units.
Prerequisites: classified standing in Psychology M.S. degree program and consent of department; or PSYC 390, classified standing in Psychology M.A. degree program and consent of department; or PSYC 390 and consent of department
Major types of human psychopathology, including descriptive symptomatology, etiological factors and treatment considerations.

PSYC 666. Family Processes. 4 Units.
Prerequisites: classified standing and consent of department
Normal and dysfunctional family processes, including analysis of family systems, family communication and strategies for therapeutic intervention. Formerly PSYC 666.

PSYC 671. Marriage and Family Therapy Skills I. 5 Units.
Prerequisites: classified standing in the Psychology M.S. degree program; concurrent enrollment in PSYC 687A and consent of department
Foundational skills in counseling, the therapeutic alliance, crisis management and treatment planning. Three hours lecture and six hours laboratory.

PSYC 672. Marriage and Family Therapy Skills II. 5 Units.
Prerequisites: grade of no less than B in PSYC 671; concurrent enrollment in PSYC 687B and consent of department
Advanced counseling skills used to identify and modify familial, relational, emotional, cognitive and behavioral aspects of individual, couple and family functioning. Three hours lecture and six hours laboratory.

PSYC 673. Marriage and Family Therapy Skills III. 5 Units.
Prerequisites: classified standing in the M.S. in Psychology, grade of no less than B- in PSYC 672 and PSYC 687B; concurrent enrollment in PSYC 687C and consent of department
Advanced counseling skills used with children, adolescents and their families. Three hours lecture and six hours laboratory.

PSYC 675. Practicum in Applied Psychology. 4 Units.
Prerequisites: classified graduate standing in M.A. or M.S. degree program and consent of department
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 practical applications.

PSYC 678. Advanced Topics in Psychology. 2 Units.
Prerequisites: classified standing and consent of department
Selected advanced psychology topics with specific focus within relatively narrow content area. Credit may not be received twice for the same topic.

PSYC 680. Advanced Seminar in Psychology. 4 Units.
Prerequisites: classified standing and consent of department
Selected advanced topics which encompass areas of current theoretical and/or research interest in psychology.

PSYC 682. Clinical Assessment. 4 Units.
Prerequisites: classified standing and consent of department
Methods of intellectual, vocational and personality assessment with children and adults. May not be taken for credit by students who have received credit for PSYC 683.

PSYC 684. Topics in Counseling Psychology. 4 Units.
Prerequisites: classified standing and consent of department
Methods of intellectual, vocational and personality assessment with children and adults. May not be taken for credit by students who have received credit for PSYC 683.

PSYC 687A. Marriage and Family Therapy Practicum I. 2 Units.
Prerequisites: consent of department
Corequisites: concurrent enrollment in PSYC 671
Supervised counseling practicum. Graded credit/no credit.
PSYC 687B. Marriage and Family Therapy Practicum II. 2 Units.
Prerequisites: consent of department
Corequisites: concurrent enrollment in PSYC 672
Supervised counseling practicum. Graded credit/no credit.

PSYC 687C. Marriage and Family Therapy Practicum III. 2 Units.
Prerequisites: consent of department
Corequisites: concurrent enrollment in PSYC 673
Supervised counseling practicum. Graded credit/no credit.

PSYC 688. Evidence Based Practice in Marriage and Family Therapy. 4 Units.
Prerequisites: classified standing and consent of department
Selected evidence based therapy practices in Marriage and Family Therapy. Coursework will include coverage of human sexuality and treatment; psychopharmacological treatment of DSM mental disorders; brief empirically supported psychotherapies for DSM mental disorders and problems warranting clinical attention.

PSYC 689B. Externship in Applied Psychology. 2 Units.
Prerequisites: 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 five units may apply toward the I/O Option. Graded credit/no credit.

PSYC 689C. Externship in Applied Psychology. 3 Units.
Prerequisites: 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 five units may apply toward the I/O Option. Graded credit/no credit.

PSYC 689D. Externship in Applied Psychology. 4 Units.
Prerequisites: 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 five units may apply toward the I/O Option. Graded credit/no credit.

PSYC 689E. Externship in Applied Psychology. 5 Units.
Prerequisites: 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 five units may apply toward the I/O Option. Graded credit/no credit.

PSYC 691. Human Sexuality and Treatment. 4 Units.
Prerequisites: classified standing and consent of department
Study of human sexuality with emphasis on both healthy sexuality and sexual dysfunction. Clinical interventions to enhance sexual functioning and to treat sexual dysfunctions will be presented. Formerly PSYC 591.

PSYC 697A. Advanced Practicum in Counseling Psychology I. 4 Units.
Prerequisites: classified standing in the Psychology M.S. degree program, PSYC 671, PSYC 672, PSYC 687A, PSYC 687B, PSYC 687C; a grade of A or B in PSYC 673; and consent of department
Supervised counseling field work in private or public mental health agencies. Designed to be taken three times (year long) for maximum of 12 units of credit. Graded credit/no credit.

PSYC 697B. Advanced Practicum in Counseling Psychology II. 4 Units.
Prerequisites: classified standing in the Psychology M.S. degree program, PSYC 671, PSYC 672, PSYC 687A, PSYC 687B, PSYC 687C; a grade of A or B in PSYC 673; and consent of department
Supervised counseling field work in private or public mental health agencies. Designed to be taken three times (year long) for maximum of 12 units of credit. Graded credit/no credit.

PSYC 697C. Advanced Practicum in Counseling Psychology III. 4 Units.
Prerequisites: classified standing in the Psychology M.S. degree program, PSYC 671, PSYC 672, PSYC 687A, PSYC 687B, PSYC 687C; a grade of A or B in PSYC 673; and consent of department
Supervised counseling field work in private or public mental health agencies. Designed to be taken three times (year long) for maximum of 12 units of credit. Graded credit/no credit.

PSYC 698A. Continuous Enrollment for Graduate Candidacy Standing. 1 Unit.
Prerequisites: 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 698 each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll in 698 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. 698 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 698B. Continuous Enrollment for Graduate Candidacy Standing. 2 Units.
Prerequisites: 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 698 each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll in 698 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. 698 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 698C. Continuous Enrollment for Graduate Candidacy Standing. 3 Units.
Prerequisites: 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 698 each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll in 698 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. 698 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 698D. Continuous Enrollment for Graduate Candidacy Standing. 4 Units.
Prerequisites: 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 698 each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll in 698 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. 698 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 698E. Continuous Enrollment for Graduate Candidacy Standing. 5 Units.
Prerequisites: 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 698 each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll in 698 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. 698 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 698F. Continuous Enrollment for Graduate Candidacy Standing. 6 Units.
Prerequisites: 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 698 each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll in 698 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. 698 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 699. Thesis. 5 Units.
Prerequisites: 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.

PSYC 999A. Comprehensive Examination. 0 Units.
Prerequisites: advancement to candidacy, approval of department, completion of course work in the masters program and in 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.

PSYC 999B. Comprehensive Examination. 0 Units.
Prerequisites: advancement to candidacy, approval of department, completion of course work in the masters program and in 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.