

PSYCHOLOGY AND CHILD DEVELOPMENT

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Department Chair: Jennifer Jipson

Academic Programs

| Program name | Program type |
|-------------------|--------------------|
| Child Development | BS, Minor |
| Gerontology | Minor, Certificate |
| Psychology | BS, MS, Minor |

The department consists of faculty with degrees in psychology, family studies, human development and education who direct programs leading to BS Child Development, BS Psychology, MS Psychology, and minors in Child Development, Psychology and Gerontology.

In addition, courses are offered which fulfill general education requirements, support other programs and serve as a personal development resource for all university students. These courses are designed to acquaint students with the facts, theories and contemporary trends in psychology and child development and how these principles can be incorporated into a more meaningful understanding of oneself and of one's interactions with others. The department supports the concept of international education and encourages students to investigate opportunities for overseas study. For further information, see the Study Abroad programs (<http://catalog.calpoly.edu/academicsupportandcampuslife/academicervicesandprograms/calpolyinternationalcenter/>).

Undergraduate Programs

BS Child Development

The Child Development major is designed for students who are interested in professions involving children and adolescents in a variety of settings. The major provides the scientific base for understanding development from birth through emerging adulthood. The program emphasizes the ecological contexts in which development occurs, including family, school, technology, community, and culture. Graduates often continue studies in graduate and credential programs, and pursue a range of careers in education, intervention programs, and human services.

The Child Development major is designed to enable students to develop a program of study suited to their individual needs and become part of a learning community of faculty and students. After completing core courses in child and adolescent development, they will develop a personal program of study by selecting electives, two internships, and a senior project. Each student graduates with a BS in Child Development.

Goals of the Child Development major are for students to:

- Learn about theories and research that have helped us to understand how children and adolescents develop physically, emotionally, socially, and intellectually.
- Study how children and youth affect and are affected by the formal and informal environments in which they grow.

- Gain experience working with children and youth of different ages and backgrounds in various settings.
- Develop expertise in the use of digital technologies to access, create, and disseminate information related to the learning and development of children and youth.
- Develop an understanding of multicultural and anti-discrimination issues and how to lead children and youth into an appreciation of diversity.
- Develop skills in research, leadership, effective communication, and community building.

BS Psychology

The Psychology major offers a broad preparation in the science of psychology. Theoretical approaches, research techniques, laboratory experiences and internships are hallmarks of the psychology program.

Graduates often pursue careers in mental health programs, social services agencies, public health settings, educational institutions, and personnel-related settings. Many majors go on to graduate work in such fields of psychology as: counseling, developmental, family, social, clinical or experimental.

Students may pursue a course of study which meets their individual needs and interests. Electives are selected by the student with the advice of the student's academic advisor.

Child Development Minor

The minor is designed to provide students a broad knowledge base in child and adolescent development. Biological, cognitive, social, and emotional development are examined in context (e.g., family, school, culture). The minor builds upon students' critical thinking skills by approaching child development as a scientific area of study. This minor complements a background in majors such as Liberal Studies, Psychology, Kinesiology, or Recreation, Parks, Tourism and Administration. An application form must be approved by a Child Development Minor advisor. The Child Development minor is not open to Liberal Studies majors with a concentration in Child Development.

Gerontology Minor and Certificate Program

The Gerontology minor/certificate program is an interdisciplinary set of courses that prepares students in various majors whose careers will be directly or indirectly related to gerontology. The certificate program also allows non-matriculated students to develop or upgrade their skills and knowledge for those interested or already working in the field of gerontology. Coursework includes the psychological, biological, and social aspects of aging; changing roles; stress-related problems; and an understanding of the impact of an aging population on social, economic, and political institutions. *Among the requirements for admission to the program is a minimum GPA of 3.00. All applicants are reviewed by the program coordinator.*

Psychology Minor

The minor provides students with a broad background in the principles of psychology in order to develop an appreciation of the human element

in the world around them, complement their professional training, and enhance their personal development and interpersonal effectiveness.

An application form must be approved by a Psychology Minor advisor.

Graduate Program MS in Psychology General Characteristics

The Master of Science in Psychology is a 90-quarter unit professional degree program designed to train highly competent master-level clinicians who are academically prepared to obtain the marriage and family therapy (MFT) license in the State of California. The program places a heavy emphasis on clinical skill training and applied experience that begins early in the program and culminates with an intensive supervised traineeship in a community mental health setting.

Admission to the Program

In addition to the general requirements of the University, specific requirements for admission to classified graduate standing are:

- an acceptable baccalaureate degree from an institution accredited by a regional association;
- a minimum grade point average of 3.0 in the last 90 quarter units (60 semester units) attempted;
- satisfactory performance on the General Tests (Verbal, Quantitative, Analytical) of the Graduate Record Examination (GRE); the GRE Advanced Test in Psychology is not required;
- three letters of recommendation;
- autobiographical information;

Related work or volunteer experience is highly desirable as is having received professional counseling.

Prerequisites

Coursework in abnormal psychology, lifespan theories/developmental psychology, personality theory, introductory statistics, and research methods in psychology (or related discipline). Completion of these prerequisites is necessary for admission to the program.

Classified Standing

For admission as a classified graduate student, a student shall have a minimum grade point average of 3.0 in the last 90 quarter units (60 semester units) attempted and shall have earned an acceptable baccalaureate degree from an institution accredited by a regional association. Additionally, the student must have satisfactorily met the professional, personal, scholastic, and other standards for graduate study, including qualifying examinations, as the appropriate university authorities may prescribe. Only those applicants who show promise of success and fitness are admitted, and only those who continue to demonstrate a satisfactory level of scholastic competence and who possess appropriate personal qualities are eligible to continue in the program.

Conditionally Classified Standing

The student may enroll in a graduate degree curriculum if in the opinion of the M.S. Program Committee the student can remedy any deficiencies by additional preparation.

Advancement to Candidacy

Advancement to master's degree candidacy requires completion of a minimum of 30 quarter units of required courses in residence, specified in a formal program of study, with a minimum grade point average of 3.0, fulfillment of the Graduation Writing Requirement, and the formal recommendation of the M.S. Program Committee. Students must maintain a minimum GPA of 3.0 in all coursework completed subsequent to admission to the program.

Program of Study

The student must maintain a grade point average of 3.0 (B) or better in all courses taken subsequent to program admission. Calculation of the grade point average includes all grades, though only the units in courses with grades of A, B, or C are counted to satisfy requirements for the degree. Required courses with a grade of D or F must be repeated.

All candidates must meet the current Graduation Writing Requirement.

Sixty-four quarter units must be completed in residence. Transfer credits are allowed if acceptable for master's degree credit at the offering institution and approved by the M.S. Program Committee.

The Master of Science degree in Psychology requires a culminating experience that includes either the completion of a thesis or passing a comprehensive exam. Each candidate must file a formal program of study by the end of the first quarter as a classified graduate student. The professional and personal growth of each graduate student is of major importance; consequently, candidates are encouraged to seek the experience of personal therapy. Students must be very aware of course prerequisites and check the catalog carefully to assure enrollment in required courses.

MFT Licensing

The Master of Science in Psychology is designed to meet the educational requirements for the Marriage and Family Therapist license (MFT) in the State of California. Students are advised to acquire and read the laws governing MFT licensure from the California Board of Behavioral Sciences, 1625 North Market Blvd., Suite S-200, Sacramento, CA 95834. State documents must be filed by the applicant within 30 days of program graduation. See the program coordinator for the procedure required for application for this license. State documents must be filed by the applicant within 30 days of program graduation.

Grades

If a candidate for University recommendation for MFT licensure has more than one grade of C or lower among the courses to be verified for the Board of Behavioral Sciences, that form will not be approved by the Chief Academic Officer Designee of Cal Poly.

Practicum and Traineeship

Practicum and traineeship courses represent the student's demonstration of the clinical skills basic to marriage, family and child counseling. A student who receives a grade of NC in practicum or traineeship is on probation regarding continuation in the program. A second grade of NC disqualifies the student from the program and University recommendation for the license. Also, candidates may be disqualified from this program for academic-related actions judged by the M.S. Program Committee to reflect unethical and/or unprofessional conduct.

CD Courses

CD 102. Orientation to the Child Development Major. 2 units

Prerequisite: CD majors only.

Introduction to the child development major, self-assessments, career opportunities, university and community resources, and the program at Cal Poly. Course may be offered in classroom-based or online format. 2 lectures.

CD 131. Observing and Interacting with Children. 4 units

Observation methods and guidance techniques for adults working with children in family, community, and educational settings. 3 lectures, 1 activity.

CD 200. Special Problems. 1-4 units

Supervised investigation, including a written report, of a topic chosen with prior approval of instructor. Total credit limited to 6 units, with a maximum of 4 units per quarter.

CD 207. Children's Learning and Development in Educational Settings. 4 units

Prerequisite: Sophomore standing; PSY 201 or PSY 202 or admission to the university with the intent to enter the MSTEP Program.

Study of theories and research about the development and learning of children and young adolescents within diverse backgrounds, and application to teaching in public school settings. Observations/interactions with children in school settings. 3 lectures, 1 activity. Participation in public schools requires mandated fingerprint clearance. Crosslisted as CD/EDUC 207.

CD 230. Preschool Laboratory. 4 units

Prerequisite: CD 131 and CD/PSY 256.

Preliminary teaching experience with children in a preschool laboratory setting. Participant planning, execution and evaluation of age-appropriate activities. Observation is used as the basis for planning for the development of the whole child. 2 lecture, 2 laboratories.

CD 254. Family Psychology. 4 units

Prerequisite: PSY 201 or PSY 202.

Introduction to research and theory on family relationships and behavior across the lifespan. Contextual influences, diversity of family forms, and topics such as love, mate selection, marital quality, parenting, gender, household work, divorce, and remarriage. 4 lectures. Crosslisted as CD/PSY 254.

CD 256. Developmental Psychology. 4 units

Prerequisite: PSY 201 or PSY 202.

Introduction to the scientific study of development with emphasis on the lifespan, from infancy to old age. Basic research and concepts in understanding social, emotional, cognitive, contextual, and diversity influences on development. 4 lectures. Crosslisted as CD/PSY 256.

CD 270. Selected Topics. 1-4 units

Prerequisite: Open to undergraduate students and consent of instructor.

Directed group study of selected topics. The Class Schedule will list topic selected. Total credit limited to 8 units. 1 to 4 lectures.

CD 302. Developmental Science Technology Lab. 2 units

Prerequisite: CD 102 and CD/PSY 256. Co-requisite: Any 300-400 level CD course.

Technology applications (e.g., websites, film, podcasts, blogs) as they relate to communication of research and theory in developmental science. Digital tools used by developmental researchers and professionals when working with children, youth, and families. 2 laboratories.

CD 304. Infant and Toddler Development. 4 units

Prerequisite: CD/PSY 256.

Human development from conception through the second year of life. Examination of theory and research in multiple domains of development. Consideration of environments and activities which enhance the emerging capabilities of infants and toddlers. 4 lectures.

CD 305. Early and Middle Childhood Development. 4 units

Prerequisite: CD/PSY 256 or CD/EDUC 207.

In-depth study of theory and research on development in early and middle childhood, especially within physical, cognitive, social, and emotional domains. Consideration of case studies and current practices in light of theoretical perspectives and current research. 4 lectures.

CD 306. Adolescence. 4 units

Prerequisite: CD/PSY 256 or CD/EDUC 207.

Psychological analysis of the years from prepubescence to young adulthood. Current research on behavior and development during adolescence with emphasis on physical, affective, cognitive, sociocultural, historical, family, peer and school aspects of life during the post-child, pre-adult years. 4 lectures. Crosslisted as CD/PSY 306.

CD 329. Research Methods in Child Development. 4 units

Prerequisite: PSY 256, STAT 217.

Introduction to research methods in child development. Critically evaluating research literature, generating research questions, and conducting observations and interviews with children and adolescents. 3 lectures, 1 activity.

CD 350. Developmental Issues in Education. 4 units

Prerequisite: CD/EDUC 207 or PSY 256.

Current issues and research concerning how children and youth develop and learn in school. Topics may include motivation, views of intelligence, teacher and student relations, constructivist learning environments, socioemotional learning, school climates, home-school connections. 4 lectures.

CD 351. Learning in Out-of-School Time. 4 units

Prerequisite: CD/PSY 256 or CD/EDUC 207.

How children and youth develop and learn in settings and activities outside of formal schooling, such as everyday family activities, informal learning institutions (e.g., museums), nature, and organized extracurricular activities. Research findings and theoretical perspectives on how activity in such settings supports development and learning. 4 lectures.

CD 356. Behavioral Disorders in Childhood. 4 units

Prerequisite: PSY 201 or PSY 202; CD/PSY 256 or CD 305; and junior standing.

Applications of psychological principles to childhood behavioral disorders. Aggression, delinquency, stress reactions, motivational, perceptual-attentional deficiencies, psychoses, anxiety disorders, biological dysfunctions, and social, emotional and intellectual disabilities. 4 seminars. Crosslisted as CD/PSY 356. Formerly CD 456.

CD 400. Special Problems for Advanced Undergraduates. 1-4 units

Prerequisite: Junior standing.

Supervised investigation, including a written report, of a topic chosen with prior approval of instructor. Total credit limited to 6 units, with a maximum of 4 units per quarter.

CD 411. Children, Adolescents & Technology. 4 units

Prerequisite: CD 329; and two of the following: CD 304, 305, or CD 306.

Examination of research and theory on how use of digital technologies (e.g., electronic toys, television, video games, virtual reality, educational technologies, assistive technologies, social media) relates to children's and adolescents' development across domains. 4 lectures. Formerly CD 413.

CD 417. Interpersonal Relationships in Childhood and Adolescence. 4 units

Prerequisite: CD 304, CD 305 or CD 306; or CD/PSY 256 and PSY 305.

Current theories and research on the development of interpersonal relationships in childhood and adolescence. Topics may include parent-child relationships, peer relationships in childhood, intimate relationships in adolescence. The Class Schedule will list topic selected. Total credit limited to 8 units. 4 lectures. Crosslisted as CD/PSY 417.

CD 424. Children's Development in Diverse Cultures. 4 units

Prerequisite: Two of the following: CD 304, CD 305, CD 306; junior standing or consent of instructor.

Examination of research on child and adolescent development in diverse families and community settings. Topics include close examination of cultural communities in different countries (cross-cultural) and in the United States (multicultural) using sociocultural frameworks. 4 lectures.

CD 431. Assessing Children's Development and Environments. 4 units

Prerequisite: CD 304 or CD 305 or PSY 419 or PSY 420 or PSY 421; and CD 329 or PSY 329.

Current developmental and environmental assessments used in care and educational settings and in prevention programs and research. Practice using, creating, and evaluating child assessments. 3 lectures, 1 activity. Crosslisted as CD/PSY 431.

CD 448. Research Internship. 5 units

CR/NC

Prerequisite: CD 230 and CD 329.

Faculty-supervised research experience on various topics related to child and adolescent development. Student apprenticeship with a department faculty member engaging in a research project. Credit/No Credit grading only. Formerly CD 333.

CD 449. Advanced Research Internship. 5 units

CR/NC

Prerequisite: CD 333 or CD 448.

Faculty-supervised research experience on various topics related to child and adolescent development. Student apprenticeship with a department faculty member to conduct aspects of a research project. Credit/No Credit grading only. Formerly CD 433.

CD 450. Perspectives on Child and Adolescent Development. 4 units

Prerequisite: CD 304, CD 305, CD 306, CD 329 and senior standing.

Advanced study of theoretical perspectives and research on the development of children and adolescents and the implications for current practice and policy. 4 seminars. Formerly CD 401.

CD 453. Supervised Fieldwork Internship. 5 units

CR/NC

Prerequisite: Psychology and Child Development majors only; CD 230, PSY 323, junior standing and consent of instructor.

Faculty supervised fieldwork experience. Role of professional apprentice is experienced and analyzed by each student. Credit/No Credit grading only. Formerly CD 330.

CD 454. Advanced Supervised Fieldwork Internship. 5 units

CR/NC

Prerequisite: CD 330 or CD 453; and consent of instructor; Psychology and Child Development majors only.

Faculty-supervised preprofessional experience in a career-related setting which complements the CD 330 internship. Such roles as master teacher, caseworker, therapeutic intern, administrative aide or program specialist are experienced and analyzed by each student. Credit/No credit grading only. Formerly CD 430.

CD 460. Child Abuse and Neglect. 4 units

Prerequisite: PSY 201 or PSY 202 and junior standing.

Issues in child maltreatment, including definitions and forms, causes, consequences, assessment, reporting, treatment, and prevention. Possible links among research, intervention, and public policy will be emphasized. 4 seminars. Crosslisted as CD/PSY 460.

CD 461. Senior Project Seminar. 2 units

Prerequisite: Completion of GWR and CD 329; Psychology and Child Development majors only.

Senior project expectations and skills. Students work alone or in groups to identify appropriate topics, methods and content for the senior project; to be presented in a series of progress reports. Begin literature reviews for completion in CD 462. 2 seminars.

CD 462. Senior Project. 2 units

Prerequisite: CD 461.

Completion of a project under faculty supervision.

CD 470. Selected Advanced Topics. 1-4 units

Prerequisite: Consent of instructor.

Directed group study of selected topics for advanced students. Open to undergraduate and graduate students. The Class Schedule will list topic selected. Total credit limited to 8 units. 1 to 4 lectures.

PSY Courses

PSY 102. Orientation to the Psychology Major. 2 units

Prerequisite: Psychology major.

Orientation to the psychology major and psychology as a career. Introduction to requirements of the major, available resources, strategies for academic success, and career options in psychology and related fields. Course may be offered in classroom-based or online format. 2 lectures.

PSY 200. Special Problems for Undergraduates. 1-4 units

Prerequisite: PSY 201 or PSY 202 and consent of department head.

Individual investigation, research, study or survey of selected problems in consultation and with prior approval of instructor. Written report required. Total credit limited to 4 units.

PSY 201. General Psychology. 4 units

2019-20 or later catalog: GE Area E

2017-19 or earlier catalog: GE Area D4

Introduction to the psychological study of human beings. Applications and research in area such as psychobiology, perception, learning, motivation, consciousness, memory and cognition, personality, emotion, development, psychological assessment, social behavior, psychopathology and psychotherapy. A student may enroll for credit in either PSY 201 or PSY 202, but not both. Course may be offered in classroom-based or online format. 4 lectures. Fulfills GE Area E (GE Area D4 for students on the 2017-19 or earlier catalogs).

PSY 202. General Psychology. 4 units

2019-20 or later catalog: GE Area E

2017-19 or earlier catalog: GE Area D4

Introduction to the psychological study of human beings. Applications and research in area such as psychobiology, perception, learning, motivation, consciousness, memory and cognition, personality, emotion, development, psychological assessment, social behavior, psychopathology and psychotherapy. A student may enroll for credit in either PSY 201 or PSY 202, but not both. 3 lectures, 1 discussion. Fulfills GE Area E (GE Area D4 for students on the 2017-19 or earlier catalogs).

PSY 212. Interpersonal Communication. 4 units

Prerequisite: Completion of GE Area A1 with a grade of C- or better (GE Area A2 for students on the 2019-20 or earlier catalogs).

Introduction to the interaction process in two-person (dyadic) communication settings. Emphasis on the functions of varying messages in the initiation, development, maintenance and termination of personal and professional relationships. 4 lectures. Crosslisted as COMS/PSY 212.

PSY 251. Laboratory in Group Activities. 1-3 units

CR/NC

Skills and techniques of solving problems in large and small groups. Conducting and reporting meetings. Analyses of leadership dynamics in campus organizations. Credit/No Credit grading only. Total credit limited to 6 units. 1-3 activities.

PSY 252. Social Psychology. 4 units

Prerequisite: PSY 201 or PSY 202.

How attitudes, beliefs, and behavior are affected by the social situation. Gender roles, prejudice, aggression, altruism, attitudes and persuasion, liking and loving, and group behavior. Use of social psychology to understand diversity issues, reduce racism and sexism and international conflict, improve relationships, and communicate persuasively. 4 lectures.

PSY 254. Family Psychology. 4 units

Prerequisite: PSY 201 or PSY 202.

Introduction to research and theory on family relationships and behavior across the lifespan. Contextual influences, diversity of family forms, and topics such as love, mate selection, marital quality, parenting, gender, household work, divorce, and remarriage. 4 lectures. Crosslisted as CD/PSY 254.

PSY 256. Developmental Psychology. 4 units

Prerequisite: PSY 201 or PSY 202.

Introduction to the scientific study of development with emphasis on the lifespan, from infancy to old age. Basic research and concepts in understanding social, emotional, cognitive, contextual, and diversity influences on development. 4 lectures. Crosslisted as CD/PSY 256.

PSY 260. African American Psychology. 4 units

USCP

Recommended: PSY 201 or PSY 202.

A historical overview of African American psychology, and a critical examination of the psychocultural forces (e.g., history of slavery, racism, oppression, education, familial factors) that have helped to shape the beliefs, attitudes, identities, behavior, and well-being of African Americans.

PSY 270. Selected Topics. 1-4 units

Prerequisite: Open to undergraduate students and consent of instructor.

Directed group study of selected topics. The Class Schedule will list topic selected. Total credit limited to 8 units. 1 to 4 lectures.

PSY 301. Psychology of Personal Development. 4 units

Prerequisite: PSY 201 or PSY 202.

Application of developmental psychology to self awareness. Includes communication skills, self modification skills and examination of life goals and values. 4 lectures.

PSY 302. Behavior in Organizations. 4 units

Prerequisite: PSY 201 or PSY 202.

Characteristics of functioning organizations and their effects on individuals. Psychological issues relevant to the maintenance of the organization. Motivation, leadership, group phenomena, communication, decision-making, attitudes, personnel selection and organizational change. 4 lectures.

PSY 304. Intergroup Dialogues. 4 units

2020-21 or later: Upper-Div GE Area D

2019-20 or earlier catalog: GE Area D5

Prerequisite: Junior standing; completion of GE Area A with grades of C- or better; one course in GE Area B4 with a grade of C- or better (GE Area B1 for students on the 2019-20 or earlier catalogs); and one lower-division course in GE Area D or GE Area E. Recommended: Completion of USCP requirement.

Weekly meetings of students from two distinct self-defined identity groups, with trained peer facilitators, in which readings, experiential activities, informed dialogue, and reflective writing are integrated as a means of encouraging self and group awareness and exploring ways to promote just community across difference. Supplemented by weekly lecture/discussions. 2 lectures, 2 discussions. Fulfills GE Upper-Division D (GE Area D5 for students on the 2019-20 or earlier catalogs).

PSY 305. Personality. 4 units

Prerequisite: PSY 201 or PSY 202.

Personality theories and research. Assessment, dynamics, and development of personality. Trait, behavioral, social learning, cognitive, humanistic, psychoanalytic and biological approaches. 4 lectures.

PSY 306. Adolescence. 4 units

Prerequisite: CD/PSY 256 or CD/EDUC 207.

Psychological analysis of the years from prepubescence to young adulthood. Current research on behavior and development during adolescence with emphasis on physical, affective, cognitive, sociocultural, historical, family, peer and school aspects of life during the post-child, pre-adult years. 4 lectures. Crosslisted as CD/PSY 306.

PSY 310. Psychology of Death. 4 units

Prerequisite: PSY 201 or PSY 202.

Psychological aspects of death, loss and grief, including scientific findings, person-culture transactions and expressions in the arts and humanities. Personal exploration and interdisciplinary application of psychology to issues such as death anxiety, dying processes, funerals, immortality beliefs, suicide, and grieving. 4 lectures.

PSY 311. Environmental Psychology. 4 units

2020-21 or later: Upper-Div GE Area D

2019-20 or earlier catalog: GE Area D5

Prerequisite: Junior standing; completion of GE Area A with grades of C- or better; one course in GE Area B4 with a grade of C- or better (GE Area B1 for students on the 2019-20 or earlier catalogs); and completion of GE Area E (GE Area D4 for students on the 2017-19 or earlier catalogs).

Interrelationship between behavior and the built and natural environments. Evaluating and understanding environments, environmental stress, and the human aspects of environmental problems. 4 lectures. Fulfills GE Upper-Division D (GE Area D5 for students on the 2019-20 or earlier catalogs).

PSY 318. Psychology of Aging. 4 units

2020-21 or later: Upper-Div GE Area D

2019-20 or earlier catalog: GE Area D5

Prerequisite: Junior standing or Psychology major; completion of GE Area A with grades of C- or better; one course in GE Area B4 with a grade of C- or better (GE Area B1 for students on the 2019-20 or earlier catalogs); and one lower-division course in GE Area D. Recommended: PSY 201 or PSY 202.

Psychological and physiological aging in the context of the culture. Theories and research relating to the issues of stability and both positive and negative changes in perception, learning, memory, intelligence, personality, identity, motivation, sexuality, family relationships, career. Disorders, institutionalization, death and bereavement. 4 lectures. Fulfills GE Upper-Division D (GE Area D5 for students on the 2019-20 or earlier catalogs).

PSY 320. Health Psychology. 4 units

Prerequisite: PSY 201 or PSY 202.

Scientific study of how mental, behavioral, and social processes affect physical health. Topics include health-risk behaviors and promotion of personal control over health improvement, social status and health disparities, stress and coping, and the patient-provider relationship. 4 lectures.

PSY 323. The Helping Relationship. 4 units

Prerequisite: Junior standing, completion of one USCP course, Psychology and Child Development majors only, or consent of instructor.

Basic skills and approaches common to helping relationships with children, adults, and families. Examines theoretical, empirical, and practical applications of helping. Differentiation between professional, paraprofessional, and nonprofessional helping relationships. 2 lectures, 2 activities.

PSY 324. Psychology of Gender. 4 units

Prerequisite: PSY 201 or PSY 202.

Investigation of psychological genders and sexualities beyond ideas associated with biological sex. Exploration of sex/gender/sexuality differences from a social psychological (e.g., socialization) perspective. Implications of gender roles (including masculinity, femininity, non-binary) and sexual identities for relationships and health. 4 lectures. Crosslisted as PSY/WGS 324.

PSY 325. Introduction to Positive Psychology. 4 units

Prerequisite: PSY 201 or PSY 202.

Scientific study of the enhancement of strengths and optimal functioning in humans. Basic research, assessment and helping concepts in understanding optimal functioning within diverse populations. 4 lectures.

PSY 329. Research Methods in Psychology. 4 units

Prerequisite: PSY 201 or PSY 202; and STAT 217.

Introduction to research methods used in psychology and other behavioral sciences. Topics include the logic and ethics of research; experimental, correlational, and survey methodology; library search strategies; basic statistical procedures; and the format of the research report. 4 lectures.

PSY 330. Behavioral Effects of Psychoactive Drugs. 4 units

Prerequisite: Completion of GE Area E (GE Area D4 for students on the 2017-19 or earlier catalogs).

Pharmacokinetic, pharmacodynamic and behavioral effects of psychoactive drugs. Social and psychological issues related to drug use and misuse. 4 lectures.

PSY 333. Quantitative Research Methods for the Behavioral Sciences. 4 units

Prerequisite: PSY 329; and STAT 217.

Thorough introduction to the quantitative aspects of empirical research. Using SPSS statistical software, students will learn how to choose, conduct, and interpret analyses of research data from different behavioral science disciplines. 3 lectures, 1 activity.

PSY 340. Biopsychology. 4 units

2020-21 or later: Upper-Div GE Area B

2019-20 or earlier catalog: GE Area B5, B6, or B7

Prerequisite: Junior standing; completion of GE Area A with grades of C- or better; one course in GE Area B4 with a grade of C- or better (GE Area B1 for students on the 2019-20 or earlier catalogs); and PSY 201 or PSY 202.

Relationship between physiological and behavioral processes such as learning and memory, language, sleep, and abnormal behavior. Information processing, biochemistry, and structural organization at the cellular and nervous system levels. Course may be offered in classroom-based or online format. 4 lectures. Fulfills GE Area Upper-Division B (GE Areas B5, B6, or B7 for students on the 2019-20 catalog).

PSY 344. Behavioral Genetics. 4 units

2020-21 or later: Upper-Div GE Area B

2019-20 or earlier catalog: GE Area B5, B6, or B7

Prerequisite: Junior standing; completion of GE Area A with grades of C- or better; one course in GE Area B4 with a grade of C- or better (GE Area B1 for students on the 2019-20 or earlier catalogs); PSY 201 or PSY 202; STAT 217 or STAT 218; and one of the following: ASCI 112, BIO 111, BIO 123, BIO 161, or BIO 213.

Examine the relative influence of genetic and environmental factors on human behavior. Emphasis on the foundation and application of behavioral genetics to the field of psychology. Topics include heritability, gene-environment interplay, ethics, and emerging technologies. 4 lectures. Fulfills GE Area Upper-Division B (GE Areas B5, B6, or B7 for students on the 2019-20 catalog).

PSY 350. Teamwork. 4 units

Prerequisite: Completion of GE Area E (GE Area D4 for students on the 2017-19 or earlier catalogs).

Group dynamics applied to teams. Topics include team development, basic team processes, conflict management, decision making, leadership, problem solving, and the impacts of diversity and culture on teams. Focus on effective use of teams in the workplace. Not open to students with credit for PSY 351. 4 lectures.

PSY 352. Conflict Resolution: Violent and Nonviolent. 4 units

2020-21 or later: Upper-Div GE Area D

2019-20 or earlier catalog: GE Area D5

Prerequisite: Junior standing or Psychology major; completion of GE Area A with grades of C- or better; one course in GE Area B4 with a grade of C- or better (GE Area B1 for students on the 2019-20 or earlier catalogs); and one lower-division course in GE Area D. Recommended: PSY 201 or PSY 202.

Psychological, situational, political, and cultural determinants of violence and nonviolence in interpersonal, intergroup, and international conflict. Self-assessment of conflict resolution attitudes, competencies, and behaviors. Negotiation, mediation, and other approaches to conflict management. Educational and structural approaches to violence prevention. 4 lectures. Fulfills GE Upper-Division D (GE Area D5 for students on the 2019-20 or earlier catalogs).

PSY 356. Behavioral Disorders in Childhood. 4 units

Prerequisite: PSY 201 or PSY 202; CD/PSY 256 or CD 305; and junior standing.

Applications of psychological principles to childhood behavioral disorders. Aggression, delinquency, stress reactions, motivational, perceptual-attentional deficiencies, psychoses, anxiety disorders, biological dysfunctions, and social, emotional and intellectual disabilities. 4 seminars. Crosslisted as CD/PSY 356. Formerly CD 456.

PSY 357. Cognition. 4 units

Prerequisite: PSY 201 or PSY 202.

Principles and theories of cognition including models of perception, attention, memory, concept formation, language, intelligence, problem-solving/decision making, and creativity. Discusses applications to areas such as artificial intelligence, education, and implications for understanding related fields in arts, sciences, and technology. 4 lectures. Formerly PSY 457.

PSY 360. Applied Social Psychology. 4 units

Prerequisite: PSY 252.

Applications of social psychology to education, business and industry, environmental problems, interpersonal and intergroup relations, health and welfare, mass communication, judicial systems, and politics. Analysis of social and organizational problems, methods of intervention, and program evaluation. 4 seminars.

PSY 370. Introduction to Clinical and Counseling Psychology. 4 units

Prerequisite: PSY 201 or PSY 202 and at least one other PSY course.

Introduction to the fields of clinical and counseling psychology. History, education and training, theories, assessment, diagnosis, and treatment. Introduction to diverse settings, ethical principles, legal guidelines, credentialing and employment opportunities. 4 lectures.

PSY 372. Multicultural Psychology. 4 units

USCP

Prerequisite: PSY 201 or PSY 202; and sophomore standing.

The impact of culture, ethnicity, and race on human behavior within the framework of psychological theory and research. Emphasis on ethnic minority groups within the U.S. including: African Americans, Native Americans, Asian Americans/Pacific Islanders, and Latino/a Americans. Not open to students in MS Psychology program. 4 seminars.

PSY 375. Forensic Psychology. 4 units

Prerequisite: PSY 201 or PSY 202.

Application and practice of psychology in both the civil and criminal justice systems. Examination of police and investigative psychology, correctional psychology, expert witness testimony, psychological evaluations for the courts, understanding aggression. 4 lectures.

PSY 400. Special Problems for Advanced Undergraduates. 1-4 units

Prerequisite: PSY 201 or PSY 202.

Individual investigation, research, study or survey of selected problems in consultation and with prior approval of instructor. Written report required. Total credit limited to 4 units.

PSY 401. Special Problems: Experiential Learning. 2-4 units

CR/NC

Prerequisite: Psychology major or gerontology minor, junior standing, and consent of instructor.

Supervised experience in various community, governmental, educational, or research settings. Especially designed for individuals in applied settings requiring additional hours or a pre-fieldwork training experience. Applied psychological, developmental, or educational experiences determined by participating institution, supervising faculty member, and student. Cannot be substituted for PSY 448, PSY 449, PSY 453, or PSY 454. Credit/No Credit grading only. Total credit limited to 4 units.

PSY 405. Abnormal Psychology. 4 units

Prerequisite: PSY 201 or PSY 202.

Normal and abnormal behavior in everyday life. Anxiety, somatoform, dissociative, mood, childhood, personality, psychotic, cognitive, eating, and substance use disorders and their treatment. 4 lectures.

PSY 410. History and Systems of Psychology. 4 units

Prerequisite: PSY 333.

Survey of the philosophical and scientific roots of modern psychology, pioneer laboratories, systems, and schools of psychology, the refining of experimental methods, and applications of psychology in testing and psychological services. Examination of contributions by women and minorities in psychology. 4 seminars.

PSY 417. Interpersonal Relationships in Childhood and Adolescence. 4 units

Prerequisite: CD 304, CD 305 or CD 306; or CD/PSY 256 and PSY 305.

Current theories and research on the development of interpersonal relationships in childhood and adolescence. Topics may include parent-child relationships, peer relationships in childhood, intimate relationships in adolescence. The Class Schedule will list topic selected. Total credit limited to 8 units. 4 lectures. Crosslisted as CD/PSY 417.

PSY 419. Self and Identity. 4 units

Prerequisite: PSY 256 or PSY 305 and senior standing.

Concepts, theories, and research related to the development of the self across the lifespan. Examination of the influence of temperament, culture, individuation, self-esteem, self-awareness, roles and identity on maturity. 4 seminars.

PSY 430. Sensation and Perception. 4 units

Prerequisite: PSY 340.

Principles of sensory systems, psychophysics, attention and the perception of color, shape, movement, space, and time. Survey of the development of perception through the lifespan. 4 lectures.

PSY 431. Assessing Children's Development and Environments. 4 units

Prerequisite: CD 304 or CD 305 or PSY 419 or PSY 420 or PSY 421; and CD 329 or PSY 329.

Current developmental and environmental assessments used in care and educational settings and in prevention programs and research. Practice using, creating, and evaluating child assessments. 3 lectures, 1 activity. Crosslisted as CD/PSY 431.

PSY 432. Psychological Testing. 4 units

Prerequisite: PSY 333.

Theory and practice of psychological measurement and testing. Principles of test construction, administration, and interpretation. Survey of common testing domains such as intelligence, scholastic aptitude and achievement, and personality. 4 lectures.

PSY 440. Memory. 4 units

Prerequisite: PSY 201 or PSY 202; and PSY 329.

Modern principles and theories of memory from a psychological and biological perspective. Discussion of different types of memory (e.g., short-term, episodic, semantic, implicit), variables that affect memory (e.g., emotion, stress, sleep), and real-life applications (e.g., disorders, eyewitness testimony). 4 lectures.

PSY 448. Research Internship I. 5 units

CR/NC

Prerequisite: PSY 329, PSY 333, Psychology and Child Development majors only, junior standing, and consent of instructor.

Faculty-supervised research experience on various topics in psychology. Student apprenticeship with a department faculty member to conduct research. Responsibilities include some or all of the following: collecting data, entering and/or analyzing data, electronic literature search, report writing. Credit/No Credit grading only.

PSY 449. Research Internship II. 5 units

CR/NC

Prerequisite: PSY 329, PSY 333, Psychology and Child Development majors only, junior standing, and consent of instructor.

Faculty-supervised research experience on various topics in psychology. Student apprenticeship with a department faculty member to conduct research. Responsibilities include some or all of the following: collecting data, entering and/or analyzing data, electronic literature search, report writing. Credit/No Credit grading only.

PSY 450. Family Intervention. 4 units

Prerequisite: PSY 254, or graduate standing.

Basic elements of marriage and family therapy and crisis intervention. Emphasis on concepts, goals, and techniques of various family therapy approaches and family crisis intervention. 4 lectures.

PSY 453. Supervised Fieldwork I. 5 units

CR/NC

Prerequisite: PSY 323, Psychology and Child Development majors only, junior standing, and consent of instructor.

Supervised fieldwork experience in various community, governmental, and educational settings. Applied psychological, developmental, or educational experiences determined by participating institution, supervising faculty member, and student. Credit/No Credit grading only.

PSY 454. Supervised Field Work II. 5 units

CR/NC

Prerequisite: PSY 323, Psychology and Child Development majors only, junior standing, and consent of instructor.

Supervised fieldwork experience in various community, governmental, and educational settings. Applied psychological, developmental, or educational experiences determined by participating institution, supervising faculty member, and student. Credit/No Credit grading only.

PSY 458. Learning. 4 units

Prerequisite: PSY 333.

Theoretical and philosophical foundations of the experimental analysis of behavior. Principles of classical and operant conditioning including aversive control of behavior through punishment and avoidance learning and the theoretical basis for behavior therapy techniques and applications of learning principles in education and health settings. 4 lectures.

PSY 460. Child Abuse and Neglect. 4 units

Prerequisite: PSY 201 or PSY 202 and junior standing.

Issues in child maltreatment, including definitions and forms, causes, consequences, assessment, reporting, treatment, and prevention. Possible links among research, intervention, and public policy will be emphasized. 4 seminars. Crosslisted as CD/PSY 460.

PSY 461. Senior Project Seminar. 2 units

Prerequisite: Senior standing; PSY 329; Psychology and Child Development majors only.

Discussion of occupational and graduate school opportunities and current issues in psychology for the purpose of defining professional objectives and individual projects for PSY 462. Preparation for Senior Project by developing an annotated bibliography that will inform the organization and direction of their project. 2 seminars.

PSY 462. Senior Project. 2 units

Prerequisite: PSY 461; Psychology and Child Development majors only.

Design and completion of a faculty-supervised project in psychology. The project must be presented in a formal, written report. Minimum of 60 hours total time.

PSY 465. Cross-Cultural International Psychology. 4 units

Prerequisite: PSY 201 or PSY 202 and junior standing.

Psychological, cultural, ecological and behavioral influences on human development in different cultural settings. Focuses on from one to three different cultures outside the U.S. in any given quarter. 4 seminars.

PSY 470. Selected Advanced Topics. 4 units

Prerequisite: Junior standing and consent of instructor.

Directed group study of selected topics for advanced students. Open to undergraduate and graduate students. The Class Schedule will list topic selected. Total credit limited to 8 units. 4 seminars.

PSY 475. The Social Psychology of Prejudice. 4 units

USCP

Prerequisite: PSY 252 or PSY 254 or PSY 256.

Examination of social psychological frameworks for understanding the origins and consequences of prejudice and ways to improve relationships between people who come from different social groups (e.g., race, ethnicity, class, age, sexual orientation, gender). 4 lectures. Fulfills USCP.

PSY 480. Cognitive Neuroscience. 4 units

Prerequisite: PSY 340.

Recent empirical and theoretical discoveries pertaining to the neural basis of cognition, including methodologies, applications, and controversies. Focus on reading and discussing research articles in the areas of perception, memory, language, decision making, executive function, neuroimaging, and more. 4 seminars.

PSY 485. Cooperative Education Experience. 6 units

CR/NC

Prerequisite: Sophomore standing and consent of instructor.

Part-time work experience in business, industry, government, and other areas of student career interest. Positions are paid and usually require relocation and registration in course for two consecutive quarters. Formal report and evaluation by work supervisor required. Major credit limited to 6 units; total credit limited to 12 units. Credit/No Credit grading only.

PSY 495. Cooperative Education Experience. 12 units

CR/NC

Prerequisite: Sophomore standing and consent of instructor.

Full-time work experience in business, industry, government, and other areas of student career interest. Positions are paid and usually require relocation and registration in course for two consecutive quarters. Formal report and evaluation by work supervisor required. Major credit limited to 6 units; total credit limited to 12 units. Credit/No Credit grading only.

PSY 500. Individual Study. 1-6 units

Prerequisite: Consent of department head, graduate major advisor and supervising faculty member.

Advanced study planned and completed under the direction of a member of the department faculty. Open only to graduate students who have demonstrated ability to do independent work. Enrollment by petition. Only 6 units may be applied to degree requirements.

PSY 504. Psychopharmacology. 4 units

Prerequisite: Graduate standing or consent of instructor.

Advanced course in brain-behavior relationships. Neuropathology of brain disorders including the neurochemical etiology and treatment of mental illness and chemical dependency. 4 seminars.

PSY 520. Marriage & Family Therapy: Professional Identity, Theory and Practice. 4 units

Prerequisite: enrollment in the M.S. in Psychology program.

History, development, and systemic foundations of the field of Marriage and Family Therapy. Major models and theories of family therapy with focus on the sociocultural contexts of defining healthy and dysfunctional dynamics, treatment goals, and associated approaches. Current issues relating to professional identity and functioning in the field. 4 seminars.

PSY 535. Child and Adolescent Psychopathology. 4 units

Prerequisite: enrollment in the M.S. in Psychology program.

Etiological, assessment, diagnostic, and treatment models of child and adolescent disorders. Diagnostic and Statistical Manual of Mental Disorders. Genetic, neurobiological, environmental, and sociocultural factors of childhood disorders within a developmental perspective. Current theory, research, and practice emphasized. 4 seminars.

PSY 555. Counseling & Communication. 4 units

Prerequisite: PSY 560 and admission to MS Psychology program.

Overview of the counseling profession, history, philosophy, theory, and ethics. Emphasis on developing interviewing, assessment and communication skills. 3 seminars, 1 activity.

PSY 556. Multicultural Counseling and Psychology. 4 units

Prerequisite: PSY 555, PSY 560 and admission to MS Psychology program.

Psychological, cultural, and ecological analysis of the experiences and histories of various cultural groups within the United States. Development of personal self-awareness of multicultural issues and culturally relevant counseling skills. 4 seminars.

PSY 560. Individual Therapy: Theory and Application. 4 units

Prerequisite: Admission to MS Psychology program.

Counseling theories and concepts applied to individuals. Develop skills in interviewing, assessment, intervention selection, termination and crisis intervention. Ethics and law included. 4 seminars.

PSY 564. Ethics and the Law: MF Therapy. 4 units

Prerequisite: PSY 520; PSY 560; and admission to MS Psychology program.

Ethical, legal and case management issues related to individual, child, family and group therapy. Client rights and professional orientation to ethical standards and state regulation of clinical practice. 4 seminars.

PSY 565. Diagnosis and Treatment: Psychopathology. 4 units

Prerequisite: PSY 560 and admission to MS Psychology program.

Assessment of mental status. Diagnostic and statistical Manual of Mental Disorders, treatment planning, treatment case documentation and research applied to client psychopathology. 4 seminars.

PSY 566. Group Therapy: Theory and Application. 4 units

Prerequisite: PSY 560 and admission to MS Psychology program.

Group therapy theory, leadership and research applied to client assessment, screening, treatment selection, evaluation and termination. Ethics, law included. 4 seminars.

PSY 568. Advanced Psychotherapies. 4 units

Prerequisite: PSY 555, PSY 560, PSY 565 and admission to MS Psychology program, or consent of instructor.

Theory and application of advanced approaches in psychotherapy, including, but not limited to: cognitive-behavioral therapies, psychodynamic therapies and humanistic/existential therapies. The Class Schedule will list therapy selected. Total credit limited to 12 units. 4 seminars.

PSY 569. Counseling Clinic Practicum. 3 units

CR/NC

Prerequisite: PSY 520; PSY 555; PSY 560; PSY 565; and admission to MS Psychology program.

Applied experience and instruction in assessment, diagnosis, treatment planning and treatment of individuals, couples, families and children under direct supervision of faculty in program clinic. Total credit limited to 12 units. Credit/No Credit grading only.

PSY 570. Selected Advanced Topics. 4 units

Prerequisite: Admission to MS Psychology program or consent of instructor.

Directed group study of selected topics for advanced students. Open to graduate students and selected seniors. The Class Schedule will list topic selected. Total credit limited to 8 units. 4 seminars.

PSY 571. Advanced Family Therapy: Theory and Application. 4 units

Prerequisite: PSY 520; PSY 555; and admission to MS Psychology program.

Theory and application of process, structural and systems approaches to family therapy. Assessment, diagnosis, treatment and follow-up of family therapy. Ethics and law related to family therapy. 4 seminars.

PSY 572. Child and Adolescent Therapy: Theory and Application. 4 units

Prerequisite: PSY 535; PSY 555; PSY 560; and admission to MS Psychology program.

Assessment, diagnosis, treatment planning and therapeutic modalities appropriate for children and adolescents. Both theoretically based and empirically based treatment approaches presented. Instruction in the assessment and treatment of abuse and neglect of children with relevant ethics and law. 4 seminars.

PSY 574. Psychological Assessment. 4 units

Prerequisite: Admission to MS Psychology program.

Administration, scoring and interpretation of psychological tests. Reliability and validity of psychological measures. Ethical and cultural issues in testing. 4 seminars.

PSY 575. Gender and Couple Therapy. 4 units

Prerequisite: PSY 520; PSY 560; and admission to MS Psychology program.

Antecedents to sex-role identity, gender aware therapy, couple therapy, treatment of spousal/partner abuse; human sexuality, behavior, and psychosexual dysfunction. 4 seminars.

PSY 576. Traineeship: Marital and Family Therapy. 4 units

CR/NC

Prerequisite: PSY 569, PSY 564 and consent of MS program committee.

Supervised experience in applied psychotherapeutic techniques, assessment, diagnosis and treatment of individual, marital, family and child relationship problems. Total credit limited to 16 units. Credit/No Credit grading only. Weekly seminar with on-site and university supervisors.

PSY 577. Community Mental Health: Issues and Practices. 4 units

Prerequisite: Admission to the MS Program in Psychology; PSY 535; PSY 555; PSY 556; and PSY 560.

An overview of community mental health as envisioned via California's Mental Health Services Act. Examination of the opportunities and challenges in delivering effective mental health services in publicly-funded settings. Exploration of concepts and practices, including the recovery model and innovative approaches. 4 seminars.

PSY 585. Research Methods for Counseling Psychology. 4 units

Prerequisite: Graduate standing or consent of instructor.

Research methods relevant to practitioners in counseling psychology and human services. Basic understanding of descriptive and inferential statistics as well as applications related to these topics. 4 seminars.

PSY 588. Assessment and Treatment of Substance Use Disorders. 4 units

Prerequisite: Graduate standing; PSY 560; PSY 565; and PSY 574.

Etiological and biopsychosocial factors, as well as assessment, diagnosis, and evidence-based treatment of substance use disorders. Differential diagnosis, co-occurrence with other conditions, unique population concerns, including use across the lifespan, and local treatment options will be discussed. 4 seminars.

PSY 599. Thesis. 2-4 units

Prerequisite: PSY 585 and advancement to candidacy.

Completion of a thesis pertinent to the fields of psychology and human services. Total credit limited to 8 units.