



psychology

**BACHELOR OF ARTS
MINOR
CERTIFICATE
MASTER OF ARTS**

PROGRAM DESCRIPTION

Psychology is the scientific study of human and animal behavior, cognition and emotion. It is a broad discipline that includes both basic research and the application of research findings to everyday life. The CSUS Psychology Department offers an undergraduate program in General Psychology and graduate programs in Counseling Psychology, General Psychology (with specific emphasis on Psychology Doctoral Preparation), and Industrial/Organizational Psychology. At both the undergraduate and graduate levels, students may choose coursework, fieldwork, and research experiences that allow them to emphasize such areas as Clinical/Counseling, Cognitive, Developmental, Industrial/Organizational, Social and Personality Psychology, and Applied Behavior Analysis.

The undergraduate program allows students to develop research skills and an understanding of the biological, cognitive, cultural, developmental and social aspects of human behavior. Students have the opportunity to apply their knowledge and skills in the form of faculty-supervised research projects and internship/fieldwork experiences.

With a BA in Psychology, one can qualify for positions requiring an understanding of human behavior in public service, education, or business. With the undergraduate Behavior Analysis Certificate, one can qualify for positions requiring the application of behavior analysis to children with developmental disabilities.

With an MA in Psychology, one can qualify for positions similar to those associated with a BA, though at a higher level of responsibility. MA students can prepare for doctoral study in any area of Psychology or specialize in areas such as Counseling or Industrial/Organizational Psychology. They can prepare for Marriage and Family Therapist licensing or to teach at a community college.

FACULTY

Tammy Bourg, *Department Chair*

Rachel August, Bruce Behrman, Lee Berrigan, Lisa Bohon, Tammy Bourg, Helene Burgess, Jeffrey Calton, Rebecca Cameron, John Doolittle, Marya Endriga, Arnold Golub, Lisa Harrison, Robert Jensen, Nancy Kalish, Joanne Marrow, Lawrence Meyers, Joseph Morrow, George Parrott, Martin Rogers, John Schaeuble, Oriol Strickland, Paul Verdone, Emily Wickelgren

Connie Chiechi, *Administrative Support Coordinator*
Department Office, Amador Hall 350, (916) 278-6254

FEATURES

The Psychology Department is housed in Amador Hall, a building designed primarily to accommodate the department. As such, it contains both extensive human and animal research facilities and a Psychological Services Center; it provides excellent learning opportunities for students in experimental and counseling psychology. The six-room counseling suite is equipped for audio and video recording of therapy sessions. There are special labs available for research in perception, cognition, human development, behavior analysis and neuroscience. A sound-deadened room is used for sleep research, and computer-controlled systems are available for programming animal research studies. Computers are available for data collection and analyses and for stimuli and survey development and presentation.

Since independent study and fieldwork experience are an integral part of the psychology curriculum, the Psychology Department maintains close ties with the Sacramento community. Each year about 300 students do research projects or work in various organizations and community service agencies such as the Suicide Prevention Service, Planned Parenthood, and the California Youth Authority. Other students do independent study courses on topics of special interest to them, including biofeedback, neuroscience, cognition, cognitive development, visual perception, social psychology, industrial/organizational psychology, and sleep. The Psychology Society, a club open to all psychology students, and Psi Chi, the National Honor Society in Psychology, jointly sponsor guest speakers and engage in various social activities throughout the year.

CAREER POSSIBILITIES

Community College Instructor • University Professor • Marriage and Family Therapist • Mental Health Worker • Drug Abuse Counselor • Career Counselor • Behavior Analyst • Personnel Analyst/Manager • Test Validation and Development Specialist • Training Specialist • Research Analyst • Research Technician

DEGREE REQUIREMENTS • BA

Units required for Major: 46

Minimum total units required for BA: 120

Courses in parentheses are prerequisites.

Note: PSYC 001, PSYC 005, PSYC 008 and PSYC 101 must each be completed with a minimum grade of "C-."

A. Required Lower Division Courses (9 units)

- (3) PSYC 001* Introductory Psychology: Basic Processes
- (3) PSYC 005* Introductory Psychology: Individual and Social Processes
- (3) PSYC 008 Methods of Psychology (PSYC 001, PSYC 005; either may be taken concurrently)

*PSYC 001 and PSYC 005 may be applied to either the major or General Education requirements, but only one may be applied to both.

B. Required Upper Division Courses (37 units)

- (4) PSYC 101 Foundations of Psychological Research: I (Passing score on ELM; PSYC 001, PSYC 005, PSYC 008)
- (3) PSYC 100 Cross-Cultural Psychology (PSYC 005; Corequisite: PSYC 008)

(3-4) Select one of the following methods courses:

- PSYC 102* Foundations of Psychological Research: II (PSYC 001, PSYC 005, PSYC 008, PSYC 101)
- PSYC 120 Psychological Testing (PSYC 001, PSYC 005, PSYC 008, PSYC 101)
- PSYC 181 Experimental Analysis of Behavior (PSYC 001, PSYC 171)

*Select PSYC 102 if planning to enter a graduate program in Psychology.

(3-4) Select one of the following biological processes courses:

- PSYC 111 Introduction to Physiological Psychology (PSYC 001; PSYC 008, PSYC 101 recommended)
- PSYC 115 Introduction to Neuroscience (PSYC 001, PSYC 008, PSYC 101, background in physiology and chemistry strongly recommended)
- PSYC 116 Animal Behavior (PSYC 001; background in biological sciences recommended)
- PSYC 117 Psychopharmacology

(6-8) Select two of the following cognitive and learning processes courses:

- PSYC 103 Perception (PSYC 001; PSYC 008, PSYC 101 recommended)
- PSYC 104 Learning Theories (PSYC 001, PSYC 008, PSYC 101)
- PSYC 106 Motivation (PSYC 001, PSYC 005; PSYC 008, PSYC 101 recommended)
- PSYC 110 Cognitive Psychology (PSYC 001; PSYC 008, PSYC 101 recommended)
- PSYC 114 Psychology of Sleep (PSYC 001, PSYC 005; PSYC 008, PSYC 101 recommended)
- PSYC 171 Applied Behavior Analysis (PSYC 001)

(3) One of the following developmental processes courses:

- PSYC 148 Child Psychology (PSYC 001 or PSYC 005)
- PSYC 149 Psychology of Adolescence (PSYC 001 or PSYC 005)
- PSYC 150 Psychological Aspects of Aging (PSYC 001 or PSYC 005)

(6) Two of the following individual and social processes courses:

- PSYC 108 Organizational Psychology
- PSYC 130 Personality Theories (PSYC 001 or PSYC 005)
- PSYC 145 Social Psychology (PSYC 001 or PSYC 005)

- PSYC 166 Humanistic Psychology (PSYC 005)
- PSYC 168 Abnormal Psychology (PSYC 005; PSYC 001 recommended)

(3) One of the following human diversity courses:

- PSYC 135 Psychology of Multicultural Groups
- PSYC 157 Psychology of Women (PSYC 001, PSYC 005, WOMS 110, WOMS 120, or permission of instructor)
- PSYC 160 Homosexuality
- PSYC 185 Psychology of Exceptional Children (PSYC 001)

(3) Select one of the following capstone courses:

- PSYC 107 Controversial Issues in Psychology (PSYC 008 and PSYC 101)
- PSYC 190 History and Systems of Psychology (Senior [90+ units] or graduate status in Psychology)
- PSYC 194 Cooperative Research

(3-4) Electives - select one to two additional upper division Psychology courses numbered 100-199.

Note: Transfer students must take at least 15 units of Psychology courses in residence at CSUS; 12 of those units must be upper division.

SEQUENCING COURSEWORK FOR THE UNDERGRADUATE MAJOR

The Psychology Department strongly recommends that Psychology Majors sequence their courses in the following manner to provide them with an optimal learning experience:

Freshmen and Sophomores: lower division GE requirements, PSYC 001, PSYC 005, PSYC 008 and electives

Juniors: upper division GE requirements, PSYC 101 (and PSYC 102 for graduate school aspirants), any upper division Psychology courses and electives

Seniors: upper division GE requirements, any upper division Psychology courses, Psychology capstone course and electives

It is important to choose courses in the sequence outlined above. Otherwise, there could be a delay in completion of the major and graduation.

Minor Requirements

The minor requires 20 units, 10 of which must be upper division. PSYC 001, PSYC 005, and PSYC 008 must each be completed with a grade of "C-" or better.

Specific course requirements are:

- (3) PSYC 001* Introductory Psychology: Basic Processes
- (3) PSYC 005* Introductory Psychology: Individual and Social Processes
- (3) PSYC 008 Methods of Psychology (PSYC 001, PSYC 005; or PSYC 001 or PSYC 005 may be taken concurrently)
- (3-4) Select one of the following:
 - PSYC 103 Perception (PSYC 001)
 - PSYC 104 Learning Theories (PSYC 001, PSYC 008, PSYC 101)
 - PSYC 106 Motivation (PSYC 001, PSYC 005, PSYC 008, PSYC 101 recommended)
 - PSYC 110 Cognitive Psychology (PSYC 001, PSYC 008, PSYC 101 recommended)
 - PSYC 111 Introduction to Physiological Psychology (PSYC 001; PSYC 008, PSYC 101 recommended)

- PSYC 114 Psychology of Sleep (PSYC 001, PSYC 005; PSYC 008, PSYC 101 recommended)
- PSYC 115 Introduction to Neuroscience (PSYC 001, PSYC 008, PSYC 101)
- PSYC 116 Animal Behavior (PSYC 001)
- PSYC 117 Psychopharmacology
- PSYC 119 The Aging Brain (PSYC 001, PSYC 008, PSYC 101)
- (6) Select two of the following:
 - PSYC 108 Organizational Psychology
 - PSYC 130 Personality Theories (PSYC 001 or PSYC 005)
 - PSYC 145 Social Psychology (PSYC 001 or PSYC 005)
 - PSYC 148 Child Psychology (PSYC 001 or PSYC 005)
 - PSYC 149 Psychology of Adolescence (PSYC 001 or PSYC 005)
 - PSYC 150 Psychological Aspects of Aging (PSYC 001 or PSYC 005)
 - PSYC 166 Humanistic Psychology (PSYC 005)
 - PSYC 168 Abnormal Psychology (PSYC 005; PSYC 001 recommended)
- (1-2) Elective Select one additional upper division Psychology course numbered 100-199

*PSYC 001 and PSYC 005 may be applied to either the Minor or General Education requirements, but only one may be applied to both.

CERTIFICATE

The Behavior Analysis Certificate program consists of 16 units of specialized coursework that is taken concurrently with established degree requirements. Courses for the Certificate program are applicable toward course requirements for the degree.

BA Certificate Program (16 units)

- (4) PSYC 171 Applied Behavior Analysis (PSYC 001)
- (4) PSYC 181 Experimental Analysis of Behavior (PSYC 001, PSYC 171)
- (4) PSYC 184 Applied Child Psychology (PSYC 171)
- (4) PSYC 195E Fieldwork in Applied Behavior Analysis (PSYC 001, PSYC 171)

To receive the CSUS certification in Behavior Analysis, students must:

- complete a baccalaureate degree program with a major in Psychology or a related field;
- achieve a 3.5 GPA in the BA Certificate Program courses.

Additional certification information may be obtained from the Psychology Department office.

GRADUATE PROGRAM

The Master of Arts program in Psychology is designed to provide specialized education in the field of psychology. Students may prepare for a variety of career goals. Advisors play an active role in the planning process, and students are strongly encouraged to consult with faculty on a continual and intensive basis as soon as they begin their studies in the program. Students who are interested in pursuing graduate work at CSUS in psychology must obtain a *Graduate Brochure* from the Psychology Department office. The *Graduate Brochure* contains admission procedures, including GRE requirements and the departmental application form.

Although the program is based on a core set of requirements, the form of the program provides for flexibility. While much material is covered in regular course offerings, the department recognizes that specialized study and the development of certain types of skills must take place on a one-to-one student-instructor basis. This includes research activities in the laboratory, field, or library; teaching activities; and volunteer work in community mental health agencies, government agencies, schools, and/or businesses. Academic credit under individualized study or fieldwork designations is available for these purposes.

Students can plan their MA program for a variety of specializations. Specialty programs include Counseling Psychology, which meets educational requirements for the Marriage and Family Therapy (MFT) license (see below); Industrial/Organizational Psychology; and the Doctoral Preparation track. Students in this latter track can create individual programs in conjunction with the faculty to prepare for doctoral programs in a variety of specialized fields, such as Clinical, Cognitive, Developmental, Educational, Experimental, Industrial/Organizational, Neuroscience, Quantitative, and Social Psychology.

The specialized degree option in Counseling Psychology is designed for students desiring the MFT license. In addition to completing the core courses and the culminating requirement for the MA degree, students must select the Counseling Psychology option and complete all of the courses meeting the educational requirements for the MFT license as set forth by the licensing board. Students should note that this degree option is not appropriate for those planning to pursue doctoral study in Clinical Psychology; students committed to this goal should (a) complete a well-chosen set of other academic courses (including our quantitative and research courses), (b) obtain research experience, and (c) work very closely with faculty advisors.

The specialized degree option in Industrial/Organizational Psychology is designed for students who wish to develop marketable career skills that allow them to apply psychological principles and research methods to work-related issues. Hiring classifications of our graduates include Test Validation and Development Specialist, Research Analyst, and Personnel Analyst. In addition to completing the core courses and the culminating requirement for the MA degree, students must also select the Industrial/Organizational Psychology option.

Special laboratories are available for work in perception, cognition, human development, behavior analysis, neuroscience, and statistics. Individual research rooms for animal and human studies are located on the first two floors of the building; the animal areas on the first floor have their own environmental control system. A sound isolation room with recording equipment is available for sleep research.

The Psychology Department also houses a Psychological Services Center, which provides both counseling services for the community and an opportunity for advanced graduate students to do counseling. The six-room counseling suite includes a closed-circuit audio and video recording and playback system, which is available for counseling supervision and research.

Admission Requirements

Admission to graduate study in Psychology is selective, requiring completion of upper division undergraduate psychology courses in statistics and research methods, with at least “C” grades in those courses, as well as a balanced and academically strong group of upper division courses covering at least five different core academic areas of psychology (e.g., biological, clinical, cognitive, developmental, social). The upper division psychological research methods/statistics requirement is met by CSUS PSYC 101 and 102 or their equivalents. Upper division research methods/statistics courses from other universities must be reviewed and approved for equivalency by the Department’s Graduate Coordinator.

The acceptance model used by the department equally weighs a composite grade point average (GPA), scores on the Graduate Record Examination (GRE), and letters of recommendation. Composite GPA involves both overall GPA and the GPA of the last 60 semester (90 quarter) units, the latter weighed twice that of the former. GRE scores from the three Aptitude and single Advanced Psychology exams are averaged. The three letters of recommendation are numerically scored on a scale from 1 (low) to 12 (high), and are averaged. Acceptance criteria are based upon applicant scores over the past several years, and will fluctuate somewhat from semester to semester as recent applicants are added to the pool.

An adjunct method of admission is available for applicants with complete files who are not selected via the above process: qualification through unclassified post baccalaureate status, providing the applicant meets university requirements for that status, takes specified coursework, and maintains a specified minimum GPA. Students are advised to seek further information from the Psychology Department concerning this admission alternative. This method can be used only by applicants who have applied under the Standard Admission Plan described below, have generated a complete application file with the department, have satisfactorily completed all of the required preparatory coursework listed in the *Graduate Brochure*, and have fallen below the department’s admission criterion.

Admission Procedures

Applicants must obtain from the Psychology Department a *Graduate Brochure* containing the departmental application materials, and must complete both parts of the application process by March 1 for Fall semester admission or by November 1 for Spring semester admission. Each prospective graduate student, including CSUS graduates, must file the following with the Graduate Center:

- a CSU application for graduate admission; and
- two sets of official transcripts from all colleges and universities attended, *other than CSUS*.

At the same time, each applicant must send the following directly to the Psychology Department:

- a completed application form from the Psychology Department *Graduate Brochure*;
- one set of official transcripts from all colleges and universities attended, *including CSUS transcripts*;
- official copies of the General and Psychology Graduate Record Examination scores (be aware that it takes approximately six weeks from the test date for scores to be forwarded); and
- three letters of recommendation from individuals who can evaluate the applicant’s potential for successful graduate study.

Application materials must be received by March 1 (for Fall admission) or by November 1 (for Spring admission). Approximately six weeks after receipt of all materials, a decision regarding admission will be mailed to the applicant.

*The General GRE (available now only as a computerized test) must have been taken by the application deadline. If you intend to take a Psychology GRE that is scheduled at a time that falls shortly after our deadline, please contact the department to determine if we will accept results of that exam.

Advancement to Candidacy

Each student must file an application for Advancement to Candidacy, indicating a proposed program of graduate study. This procedure should begin as soon as the classified graduate student has:

- removed any deficiencies in Admission Requirements;
- completed at least 12 units of 200-level courses in the graduate program with a minimum 3.0 GPA;
- met the University’s Writing Proficiency requirement,
- selected a Thesis or Project committee; and
- obtained the committee’s approval of a proposal for the thesis or project (as indicated by committee members’ signatures on the department’s thesis/project approval form).

The student will complete the Advancement to Candidacy form after planning a degree program in consultation with a Psychology advisor and members of the student’s thesis/project committee. The completed form is then returned to the Graduate Center for approval.

Degree Requirements

The Master of Arts in Psychology requires completion of at least 30 units of courses, each with a grade of “C” or better, and with a minimum GPA of 3.0. An outline of degree requirements follows:

A. Required Core Courses (10 units)

- (3) PSYC 200 Methods in Empirical Psychology (PSYC 008, PSYC 101, PSYC 102)
- (3) PSYC 203 Experimental Design I (Corequisite: PSYC 292)
- (1) PSYC 292 Laboratory
- (3) Program Track course (see below for guidelines, and consult an advisor in order to determine the appropriate course)

Guidelines for Program Track Course

Students in the **Counseling Psychology** option should take PSYC 210 (Theories of Personality).

Students in the **Industrial/Organizational Psychology** option take PSYC 209 (Seminar in Systems of Psychology).

Pre-doctoral and General Masters students should select one of the following:

- PSYC 209 Seminar in Systems of Psychology
- PSYC 210 Theories of Personality
- PSYC 214 Current Literature in Learning and Motivation (PSYC 104, PSYC 106, or equivalent)
- PSYC 215 Current Literature in Abnormal and Clinical Psychology (Coursework in abnormal and theoretical psychology)
- PSYC 216 Current Literature in Personnel and Organizational Psychology (Coursework in personnel and organizational psychology)
- PSYC 217 Current Literature in Personality and Social Psychology (Coursework in personality and social psychology)
- PSYC 251 Developmental Processes (PSYC 148 or PSYC 149)

B. Other Course Requirements (16 units)

(16) Select 16 units of approved Psychology elective courses; at least 9 units must be 200-level courses*

*With advisor approval, a maximum of 6 units in related fields may be applied to this requirement.

C. Culminating Requirement (4 units)

- (4) PSYC 500A Culminating Experience (Advancement to candidacy)
- (2) PSYC 500B* Continuing Culminating Experience (PSYC 500A)

*Students must enroll in PSYC 500B if thesis/project is not satisfactorily completed while enrolled in PSYC 500A.

MASTER OF ARTS, COUNSELING PSYCHOLOGY OPTION

The Counseling Psychology option is designed specifically for those students pursuing a career as a Marriage and Family Therapist (MFT). The requirements for the program are specified by Section 4980.37 through Section 4980.41 of Chapter 1365 of Statutes 1986, as revised by Chapter 738 of Statutes 1987, regulating the licensing of Marriage and Family Therapists by the State of California. Students must complete each of the courses listed below, or select appropriate courses where a choice is indicated. Further, students must designate the Counseling Psychology option when applying for Advancement to Candidacy.

Students are strongly advised to remain in communication with both the Psychology Department and the licensing board, since licensing requirements may change. Thus, the list of courses shown below for the Counseling Psychology program is subject to modification. Students should contact the Psychology Department for revisions in either courses or academic units.

A. Required Core Courses (10 units)

- (3) PSYC 200 Methods in Empirical Psychology (PSYC 008, PSYC 101, PSYC 102)
- (3) PSYC 203 Experimental Design I (Corequisite: PSYC 292)

- (1) PSYC 292 Laboratory
- (3) PSYC 210 Theories of Personality

B. Required Courses (33 units)

See department for official revisions.

- (3) PSYC 201 Professional Issues in Psychology
- (3) PSYC 206 Tests and Measurement
- (3) PSYC 223 Techniques of Counseling and Therapy (PSYC 168)
- (3) PSYC 224 Theories of Counseling and Psychotherapy (PSYC 168)
- (3) PSYC 225 Theories and Techniques of Marriage, Family and Child Counseling (Graduate coursework covering theories and techniques of individual psychotherapy) **OR** EDC 234# Seminar: Marriage and Family Counseling (EDC 214, EDC 216, EDC 280; approval as a candidate in the Counselor Education Program. Corequisite: For MFT Specialization: EDC 476)
- (2) PSYC 227 Pre-Practicum (PSYC 223, PSYC 224)
- (4) PSYC 229 Practicum Evaluation (PSYC 223, PSYC 224, PSYC 227, PSYC 268, PSYC 201, or PSYC 235; Corequisite: PSYC 228)
- (3) PSYC 235 Counseling of Multicultural Groups
- (3) PSYC 251 Developmental Processes (PSYC 148 or PSYC 149)
- (3) PSYC 253 Child Therapy
- (3) PSYC 268 Advanced Psychopathology **OR** EDC 231#* Diagnosis and Treatment Planning (EDC 214, EDC 216, EDC 280; approval as a candidate in the Counselor Education Program)

C. Practicum Requirement (8 units)

See department for official revisions.

- (8) PSYC 228* Practicum in Counseling and Psychotherapy (PSYC 223, PSYC 224, PSYC 227, PSYC 268, PSYC 201 or PSYC 235; Corequisite: PSYC 229)

* Students enrolling in PSYC 228 must have professional liability insurance in force with minimum limits of \$1 million per incident and \$3 million per year; contact the Psychology Department office or the Graduate Coordinator for more information about this requirement.

D. Culminating Requirement (4-6 units)

- (4) PSYC 500A Culminating Experience (Advancement to candidacy)
- (2) PSYC 500B* Continuing Culminating Experience (PSYC 500A)

*Students must enroll in PSYC 500B if thesis/project is not completed while enrolled in PSYC 500A.

Additional Courses for MFT License

- (3) PSYC 236 Theories and Techniques of Sexual Counseling (Graduate standing; PSYC 134 and a course in counseling theory)
- (3) PSYC 250 Alcohol and Chemical Substance Dependency: Detection and Treatment **OR** EDC 233# Substance Abuse and the Family (EDC 210, EDC 212, EDC 214 recommended; approval as a candidate in the Counselor Education Program; or instructor permission)
- (1) PSYC 252 Child Abuse and Neglect
- (1) PSYC 254 Spouse/Partner Abuse

Students are encouraged to meet with faculty advisor prior to registration. Not more than two EDC courses may be taken.

MASTER OF ARTS, INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY OPTION

The field of Industrial/Organizational Psychology (I/O Psychology) covers all aspects of psychology in the workplace, including such sub-topics as: organizational development, leadership, performance evaluation, personnel selection, test validation and development, work teams, training and personality influences.

The Industrial/Organizational Psychology Concentration at CSUS is designed to give broad-based training in the relevant content areas as well as provide a strong methodological background. Students obtaining the Master's degree should be prepared for a career as a personnel manager, a testing specialist, a member of an I/O consulting group; they should also be prepared for further graduate work at the doctoral level. By meeting all of the requirements for the degree, students will have met the master's level educational competencies identified by the Society for Industrial and Organizational Psychology.

Students are strongly advised to keep in contact with professors in the psychology department for academic advising. The list of courses given below delineates the requirements for the Industrial/Organizational concentration.

A. Required Core Courses (10 units)

- (3) PSYC 200 Methods in Empirical Psychology (PSYC 008, PSYC 101, PSYC 102)
- (3) PSYC 203 Experimental Design I (Corequisite: PSYC 292)
- (1) PSYC 292 Laboratory
- (3) PSYC 209 Seminar in Systems of Psychology

B. Required Courses (15 units)

- (3) PSYC 202 Research Methods in Psychology (General prerequisites for all grad courses. Corequisite PSYC 292) **OR**
 - PSYC 204 Experimental Design II (PSYC 203)
- (3) PSYC 206 Tests and Measurement
- (3) PSYC 216 Current Literature in Personnel and Organizational Psychology (Coursework in personnel and organizational psychology) **OR**
 - PSYC 217 Current Literature in Personality and Social Psychology (Coursework in personality and social psychology)
- (3) PSYC 260 Theoretical Foundations of Industrial Psychology (PSYC 169 or equivalent)
- (3) PSYC 262 Theoretical Foundations of Organizational Psychology (PSYC 108 or equivalent)

C. Required Supervisory Courses (6 units minimum)

- (1-6) PSYC 295C Fieldwork in Personnel and Organizational Psychology **AND/OR**
- PSYC 299 Special Problems

D. Culminating Requirement (4-6 units)

- (4) PSYC 500A Culminating Experience (Advancement to candidacy)
- (2) PSYC 500B* Continuing Culminating Experience (PSYC 500A)

*Students must enroll in PSYC 500B if thesis/project is not satisfactorily completed while enrolled in PSYC 500A.

E. Recommended Courses (optional)

- (3) PSYC 205 Multivariate Methodology (PSYC 203; PSYC 204 recommended)
- (3) OBE 258 Industrial Relations

LOWER DIVISION COURSES

PSYC 001. Introductory Psychology: Basic Processes. Physiological psychology, comparative psychology, learning, motivation, sensation and perception, and selected other topics. Requires three hours of participation as a research subject. 3 units. (CAN PSY 002)

PSYC 005. Introductory Psychology: Individual and Social Processes. Developmental psychology, personality, social psychology, maladaptive behavior, individual differences, and selected other topics. Requires three hours of participation as a research subject. 3 units.

PSYC 008. Methods of Psychology. An introduction to methods of the science of psychology. The topics include psychology as a way of knowing, the role of science in psychology, the nature of psychological research, research ethics, psychological literature and report writing, psychological measurement, and the design and analysis of case studies, survey research, field studies, correlational methods, and experimental methods. Requires three hours of participation as an experimental subject. **Prerequisite:** PSYC 001, PSYC 005; or PSYC 001 or PSYC 005 may be taken concurrently. 3 units.

PSYC 049. Scientific Thinking in Psychology. Scientific thinking is the process of thinking logically, critically and creatively about real, as opposed to imaginary, problems. Students will develop an understanding of the scientific thinking process from a psychological perspective and will develop skill in scientific thinking. Topics will include the psychology of thought, logical operations and fallacies, convergent and divergent thinking, the relationship between language and thought, valid and invalid arguments, logic and probability, decision making, and hypothesis testing in the science of psychology. 3 units.

PSYC 096. Experimental Offerings in Psychology. Intensive examination of a selected topic in psychology chosen in accordance with availability of staff and indications of interest by students. 1-3 units.

UPPER DIVISION COURSES

PSYC 100. Cross-Cultural Psychology. An examination of similarities and differences in human behavior, cognition, and emotion across cultures. Empirical evidence from cross-cultural research in the various areas of psychology, including biological, clinical, cognitive, developmental, social, personality, and industrial/organizational psychology, is evaluated with the purpose of developing a global perspective on the psychological processes underlying human behavior, cognition, and emotion. **Prerequisite:** PSYC 005. **Corequisite:** PSYC 008. 3 units.

PSYC 101. Foundations of Psychological Research: I. Group and individual projects to collect and analyze behavioral data. Introduction to scientific research methods, conducting research studies, concepts of statistical significance and power, applications of descriptive and inferential statistics (including linear correlation and regression, t tests, and the general logic of analysis of variance), and writing research reports. Lecture-discussion three hours; laboratory three hours. **Prerequisite:** Passing score on ELM; PSYC 001, PSYC 005, PSYC 008. 4 units.

PSYC 102. Foundations of Psychological Research: II. Students plan and conduct projects in psychology using experimental, quasi-experimental and correlational methods; they evaluate published research and write proposals and reports for course projects, with attention to such issues as the reliability and validity of the behavioral methods used, the degree to which statistical assumptions can be met, the adequacy of statistical

power, and the internal and external validity of the project. Techniques for research design and analysis are examined, including analysis of variance, multiple comparison tests, factorial designs, simple effects, the use of repeated measurements, mixed designs, analysis of covariance and multiple regression; other multivariate methods may also be discussed. Lecture-discussion three hours; laboratory three hours. **Prerequisite:** PSYC 001, PSYC 005, PSYC 008, PSYC 101. 4 units.

PSYC 103. Perception. Examination of current theories and concepts in the area of perception. Subareas include classical approaches to perception, information processing, decision processes, memory, attention and motivation. **Prerequisite:** PSYC 001; PSYC 008, PSYC 101 recommended. 3 units.

PSYC 104. Learning Theories. Examination of classical and contemporary theories of learning, and a sampling of experimental findings which bear directly on the theories. Some attention is given to theory construction in psychology. **Prerequisite:** PSYC 001, PSYC 008, PSYC 101. 3 units.

PSYC 106. Motivation. A study of theories and experimental findings related to basic processes in animal and human motivation. **Prerequisite:** PSYC 001, PSYC 005; PSYC 008, PSYC 101 recommended. 3 units.

PSYC 107. Controversial Issues in Psychology. Consideration of unresolved issues of interest to psychology and the general public, such as the use of animals in research and mind and health. Emphasis is on critical analysis (but not solution) of the issues as they are presented in public discourse. Discussion format, written reports and evaluations. **Prerequisite:** PSYC 008 and PSYC 101. 3 units.

PSYC 108. Organizational Psychology. An exploration of the dynamics of human behavior in organizations, using the lens of psychological theory. Topics include: personality and attitudes in the work place, leadership, power and politics, organizational communication, and organizational structure. (Emphasis on understanding how to maximize satisfaction and performance at work.) 3 units.

PSYC 110. Cognitive Psychology. An examination of the basic concepts of cognitive psychology, including sensory storage, pattern recognition, attention, short-term memory, long-term memory, visual imagery, semantic memory structure, text processing, problem solving and decision-making. The relations among artificial intelligence, mental modeling, and the simulation of cognitive processes will also be explored. **Prerequisite:** PSYC 001; PSYC 008, PSYC 101 recommended. 3 units.

PSYC 111. Introduction to Physiological Psychology. An introductory overview of the psychobiological aspects of behavior. Emphasis is on the central and autonomic nervous systems and the endocrine system. Topics include physiological factors involved in sensation, perception, motivation, learning, emotion, social behavior, and maladaptive behavior. **Prerequisite:** PSYC 001; PSYC 008, PSYC 101 recommended. 3 units.

PSYC 114. Psychology of Sleep. Consideration of research and theory relating to sleep. Emphasis is on recent research contributions which have resulted from the discovery of the existence of two fundamentally different types of sleep. Special attention given to the nature and function of dreaming and other mentation during sleep. Lecture-discussion three hours; laboratory three hours. **Prerequisite:** PSYC 001, PSYC 005; PSYC 008, PSYC 101 recommended. 4 units.

PSYC 115. Introduction to Neuroscience. An investigation of the structure and function of the central nervous system including neuroanatomy, neurophysiology, and sensorimotor integration. The lectures and readings emphasize the empirical questions, techniques and methods used in neuroscience research. Laboratory exercises focus on gross- and micro-neuroanatomy, models of membrane electro-physiology, and motor system functioning. Lecture-discussion three hours; laboratory three hours. **Prerequisite:** PSYC 001, PSYC 008, PSYC 101; background in physiology and chemistry strongly recommended. Cross-listed as BIO 115; only one may be counted for credit. 4 units.

PSYC 116. Animal Behavior. Basic principles of animal behavior including the genetic, evolutionary and ecological mechanisms underlying courtship, reproduction, aggression, territoriality, communication and parental behavior; applied aspects of animal behavior; innate or naturally occurring behavior patterns necessary for survival in the natural environment; physiological, social and acquired aspects of animal and, secondarily, human behavior. **Prerequisite:** PSYC 001; background in biological sciences recommended. 3 units.

PSYC 117. Psychopharmacology. An examination of the classification of psychoactive drugs and their mode of action. Covers effects of psychoactive drugs on central nervous system structure and function and on behavior; use, abuse, effects, and dangers of therapeutic and recreational drugs; motivational aspects of drug use, and methods for treating addiction. 3 units.

PSYC 119. The Aging Brain. Lectures, readings from the research literature, and discussions focus on theories and models of aging in living systems and the techniques and methods used to investigate the anatomical, physiological and pathological states of the aging human brain. The effects of diet, disease and drug interactions on the aging brain are also addressed. **Prerequisite:** PSYC 001, PSYC 008, PSYC 101; background in physiology and chemistry strongly recommended. Cross-listed as BIO 119; only one may be counted for credit. 3 units.

PSYC 120. Psychological Testing. The construction, application, interpretation and evaluation of psychological tests. Tests used to measure general mental ability, specific abilities and aptitudes, personality, interests and attitudes are surveyed. **Prerequisite:** PSYC 001, PSYC 005, PSYC 008, PSYC 101. 3 units.

PSYC 130. Personality Theories. A detailed examination of classic and contemporary personality theories such as those of Freud, Jung, Adler, Horney, Fromm, Skinner, Dollard and Miller, Rotter, Bandura, Kelly, Rogers, Maslow and May. Theories will be considered with respect to content, conceptual image of the individual, and current status. **Prerequisite:** PSYC 001 or PSYC 005. 3 units.

PSYC 134. Psychology of Human Sexuality. Covers the inherent biological, as well as the psychological, social and cultural similarities and differences between the sexes. Sexual myths and misconceptions are explored, and the sex roles and patterns of interaction currently practiced in our society are discussed. **Prerequisite:** PSYC 001 or PSYC 005. 3 units.

PSYC 135. Psychology of Multicultural Groups. An examination of the psychology of ethnic minority groups in America and the influence of culture on the study of psychology. Topics include multiculturalism, acculturation, and the effects of racism on psychological health. Cross-cultural evidence for major psychological constructs in the subdisciplines of personality, development, social, clinical and organizational psychology will be explored. 3 units.

PSYC 137. Stress Management. An examination of the causes and manifested effects of various stressors such as physical, chemical, microbiological, socio-cultural, and psychological. Techniques for recognizing and coping with frustration and stress will be explored. Emphasis on the development of skills to handle commonly encountered stress producing situations. 3 units.

PSYC 145. Social Psychology. An empirical examination of the emotion, behavior, and cognition of individuals in social situations. Topics can include: social psychology methods, social perception, social cognition, attitudes, persuasion, social identity, gender identity, prejudice and discrimination, interpersonal attraction, close relationships, conformity, compliance, obedience to authority, helping behavior, aggression, group processes, and social psychology applications. Multiple perspectives discussed. **Prerequisite:** PSYC 001 or PSYC 005. 3 units.

PSYC 148. Child Psychology. An examination of behavioral and physiological development during the prenatal period, and behavioral, cognitive and social development during infancy and childhood. Theories, methods and empirical research will be studied. **Prerequisite:** PSYC 001 or PSYC 005. 3 units.

PSYC 149. Psychology of Adolescence. Growth and development during the adolescent period and the interrelationships between adolescents and their culture are studied. Physical, psychological, social and educational problems and their implications are considered. **Prerequisite:** PSYC 001 or PSYC 005. 3 units.

PSYC 150. Psychological Aspects of Aging. A developmental study of human aging emphasizing psychosocial, psychopathological, biological, intellectual and personality processes from a theoretical and research-oriented perspective. **Prerequisite:** PSYC 001 or PSYC 005. 3 units.

PSYC 151. Psychological Aspects of Death and Dying. An examination of the beliefs, attitudes, and behaviors associated with death and dying. Topics covered include children's and adults' concepts of dying and death; causes and types of death; self-destructive behavior; grief and mourning in the dying person and their survivors; euthanasia and other legal and ethical issues; cross-cultural and historical perspectives. 3 units.

PSYC 155. Interpersonal Relations. Consists of a small experiential group exploring knowledge and skills leading to effectiveness in interpersonal relations and increased understanding of self and others. Includes structured exercises in interpersonal skills, decision making, conflict resolution and stress management. **Prerequisite:** Instructor permission. Graded Credit/No Credit. 3 units.

PSYC 157. Psychology of Women. Contemporary psychological theories and issues related to the psychology of women in America and globally. Psychological theories may include but are not limited to feminism, cognitive-behavioral, self-object relations, humanistic, social learning and existential. Issues may include development, sexuality, mental health, psychotherapy, physical health, education, work, violence against women, gender inequality, multicultural perspectives, aging, parenting, criminal behavior, politics, sexual slavery, reproductive rights, religion, spirituality, and the arts. **Note:** A service course for WOMS. **Prerequisite:** PSYC 001, PSYC 005, WOMS 110, WOMS 120 or instructor permission. 3 units.

PSYC 160. Homosexuality. An exploration of the psychological world of gay men and lesbians. An examination of psychological theories, empirical research, and phenomenological perspectives. Covers psychological functioning, homophobia, disclosure, relationships, parenting, and aging. 3 units.

PSYC 166. Humanistic Psychology. An exploration of the philosophy, subject and research methods of "third force" psychology, including its existential/phenomenological underpinning, states of consciousness, body/mind healing, East/West psychology, humanistic psychotherapy, and theories of self-esteem. Includes in its purview the works of Maslow, Susan Campbell, Rogers, Perls, Jung, Lowen and Laing, among others. **Prerequisite:** PSYC 005. 3 units.

PSYC 167. Psychology in Personnel Training and Development. Application of psychological principles to problems of personnel training and development; techniques for determining training requirements, motivating trainees, providing feedback on trainee performance, and ensuring positive transfer of training to the job situation; personnel development programs. **Prerequisite:** PSYC 001 or PSYC 005. 3 units.

PSYC 168. Abnormal Psychology. A detailed consideration of behavior disorders and maladaptive behavior: theories of causation, descriptions of the disorders, and strategies of various therapies. **Prerequisite:** PSYC 005; PSYC 001 recommended. 3 units.

PSYC 169. Industrial Psychology. Comprehensive overview of various human resources practices and policies, with an emphasis on people's psychological reactions to them. Topics include: recruitment, employee selection, training, employee compensation, legal aspects of employment decisions, and ethics in human resource management. **Prerequisite:** PSYC 001, PSYC 005, PSYC 008. 3 units.

PSYC 171. Applied Behavior Analysis. Introduction to theory, historical background, and philosophical assumptions relevant to behavior analysis with individuals. Lectures and laboratory activities in basic principles of behavior and methodology. Lecture-discussion three hours; laboratory three hours. Laboratory includes a component of self paced instruction. **Prerequisite:** PSYC 001. 4 units.

PSYC 181. Experimental Analysis of Behavior. Extensive analysis of single subject experimental research on intermittent reinforcement of behavior, including complex schedules, stimulus control, generalization, and verbal behavior. Lecture-discussion three hours; laboratory three hours; laboratory may include a component of self paced instruction. **Prerequisite:** PSYC 001, PSYC 171. 4 units.

PSYC 184. Applied Child Psychology. Extensive study of, and practical experience with, applied behavioral analytic methods in the development, implementation, and assessment of treatment programs for children with autism and hyperactivity, parent-child difficulties, and school-related problems. Lecture three hours; laboratory three hours. **Prerequisite:** PSYC 171. 4 units.

PSYC 185. Psychology of Exceptional Children. Examines characteristics, special needs, and problems of children who differ from the group norm because of their level of abilities, physical handicaps, or other deviations. **Prerequisite:** PSYC 001. 3 units.

PSYC 190. History and Systems of Psychology. Covers the development of the various schools and systems of psychology, and their philosophical roots, interrelationships and differences. Normally taught with a seminar or proseminar format. **Prerequisite:** Senior (90+ units) or graduate status in Psychology. 3 units.

PSYC 194. Cooperative Research. Students work cooperatively on a psychological research project under faculty supervision. Requires permission of instructor and the Department Chair. May be repeated once for credit. 1-6 units.

PSYC 195A. Fieldwork in the Teaching of Psychology. Supervised experience in various educational and instructionally related tasks, such as leading discussion groups, setting up and presenting demonstrations, constructing and scoring tests, and tutoring, at selected educational institutions in the Sacramento area. Requires permission of instructor and the Department Chair. May be repeated once for credit. Graded Credit/No Credit. 1-6 units.

PSYC 195B. Fieldwork in Child Observation. Supervised observation of preschool children in a formal school setting. Requires permission of instructor and the Department Chair. May be repeated once for credit. **Prerequisite:** PSYC 148 or equivalent. Graded Credit/No Credit. 3 units.

PSYC 195C. Fieldwork in Industrial and Organizational Psychology. Supervised work experience at an appropriate level in business and governmental organizations. Requires permission of instructor and the Department Chair. May be repeated once for credit. Graded Credit/No Credit. 1-6 units.

PSYC 195E. Fieldwork in Applied Behavior Analysis. Supervised practice using behavior modification in field settings such as schools, hospitals and other institutions. Includes data gathering and paper presentations. Requires permission of instructor and the Department Chair. May be repeated once for credit. **Prerequisite:** PSYC 001, PSYC 171. Graded Credit/No Credit. 1-4 units.

PSYC 195F. Fieldwork in Community Psychology. Supervised experience in various community and governmental agencies, such as the Suicide Prevention Service, Planned Parenthood, and the California Youth Authority. The experience must be of an applied psychological nature, determined collectively by the agency, the supervising faculty member, and the student. Requires permission of instructor and the Department Chair. May be repeated once for credit and a third time if another agency is involved. Graded Credit/No Credit. 1-4 units.

PSYC 195G. Fieldwork. Projects in contemporary areas of psychology under the supervision of one or more faculty. Requires permission of instructor and the Department Chair. May be repeated once for credit. Graded Credit/No Credit. 1-6 units.

PSYC 196. Experimental Offerings in Psychology. Intensive examination of a selected topic in psychology chosen in accordance with availability of staff and indications of interest by students. 3 units.

PSYC 199. Special Problems. Individual projects or directed reading. Requires permission of instructor and the Department Chair. 1-6 units.

GRADUATE COURSES

All graduate courses share the following prerequisites:

- Satisfactory completion of PSYC 101 and PSYC 102, or their equivalents.
- Other upper division psychology courses consistent with the admission requirements for the MA program as described in the Psychology graduate program [Admission Requirements](#) section of this catalog.
- Instructor permission.

PSYC 200. Methods in Empirical Psychology. Philosophy of science, critical thinking in the design of research studies, and professional issues. Topics include: nature of science; observational, experimental, & case study designs; formulating research questions; measurement strategies; scaling and coding; internal and external validity; naturalism in research; quasi-experiments; archival research; physical traces; data collection; interpreting results; program evaluation; professional writing; and ethics. **Prerequisite:** PSYC 008, PSYC 101, PSYC 102. 3 units.

PSYC 201. Professional Issues in Psychology. Comprehensive treatment of the practice of psychology in terms of ethical and legal issues. Topics include ethical considerations in the treatment of clients and human subjects, confidentiality, interaction with the legal system, and disseminating the results of professional activities. 3 units.

PSYC 202. Research Methods in Psychology. Focuses on one or more of the principal or emerging domains of psychological research design. Examples include but are not limited to field or quasi-experiments, meta-analytic designs, multivariate research, observational or unobtrusive research, and the designing of behavioral and/or self-report measures. Emphasis will be on the selection and application of the research design, the type of analysis that can be accomplished, and the interpretation of results. **Prerequisite:** General prerequisites for all grad courses. **Corequisite:** PSYC 292. 3 units.

PSYC 203. Experimental Design I. Methodology and statistical analysis applied to psychological research, including the logic of statistical inference, analysis of variance, multiple comparison tests, factorial experiments, simple effects, the use of repeated measurements, mixed designs, and statistical power considerations. **Corequisite:** PSYC 292. 3 units.

PSYC 204. Experimental Design II. Methodology and statistical analysis applied to psychological research, including multiple and partial correlation, stepwise regression, the use of coded variables, analysis of covariance, nonorthogonal designs, multivariate analysis of variance, and discriminant analysis. **Prerequisite:** PSYC 203. 3 units.

PSYC 205. Multivariate Methodology. Multivariate techniques applied to psychological research, including canonical correlation, multivariate analysis of variance, discriminant analysis, factor analysis, multidimensional scaling, cluster analysis, and the data assumptions required for these techniques. **Prerequisite:** PSYC 203; PSYC 204 recommended. 3 units.

PSYC 206. Tests and Measurement. Examines the administration, interpretation, and application of psychological tests used by behavioral scientists in clinical, educational, organizational, and other settings. Test development, reliability and validity, and legal considerations will be discussed. 3 units.

PSYC 209. Seminar in Systems of Psychology. A historical review of the systems of thought which led to modern psychology. An examination of current psychological systems and their development. Factors that differentiate psychological systems will be studied. 3 units.

PSYC 210. Theories of Personality. A study of the role of personality theory in the field of psychology, and an examination of the current theories. 3 units.

PSYC 214. Current Literature in Learning and Motivation. Analysis of selected current articles on theory and research in such journals as the *Journals of Experimental Psychology* and *Psychological Review*, with written and oral critiques. **Prerequisite:** PSYC 104, PSYC 106, or equivalent. 3 units.

PSYC 215. Current Literature in Abnormal and Clinical Psychology. Analysis of selected articles on theory and research in such journals as the *Journal of Abnormal Psychology* and the *Journal of Clinical Psychology*, with written and oral critiques. **Prerequisite:** Coursework in abnormal and theoretical psychology. 3 units.

PSYC 216. Current Literature in Personnel and Organizational Psychology. Analysis of selected current articles on theory and research in such journals as the Journal of Applied Psychology, Personnel Psychology, and Organizational Dynamics, with written and oral critiques. May be repeated two times for credit. **Prerequisite:** Coursework in personnel and organizational psychology. 3 units.

PSYC 217. Current Literature in Personality and Social Psychology. Analysis of selected current articles on theory and research in such journals as the Journal of Personality and Social Psychology, the Journal of Personality and the Journal of Experimental Social Psychology, with written and oral critiques. **Prerequisite:** Coursework in personality and social psychology. 3 units.

PSYC 223. Techniques of Counseling and Therapy. Presents the basic assumptions which underlie techniques of counseling therapy. Techniques that have been broadly substantiated by empirical studies are discussed. Representative and typical methods of dealing with clients from the first session until the closing of therapy (termination) are presented. **Prerequisite:** PSYC 168. 3 units.

PSYC 224. Theories of Counseling and Psychotherapy. Intensive analysis of major contemporary psychotherapeutic schools of thought. Emphasis upon psychoanalytic, client-centered, behavioral, and other well-established theories of counseling and psychotherapy, secondary emphasis to more recently emerging psychotherapeutic approaches. **Prerequisite:** PSYC 168. 3 units.

PSYC 225. Theories and Techniques of Marriage, Family, and Child Counseling. Covers marriage, family, and child counseling theory and practice applicable to counseling couples and families. A variety of theoretical approaches are included: object relations, family systems/communication, structural and strategic models. **Note:** May substitute EDC 234. **Prerequisite:** Graduate coursework covering theories and techniques of individual psychotherapy. 3 units.

PSYC 227. Pre-Practicum. Introduction to the practice of counseling and therapy through taped sessions, audio-visual techniques, observation through a one-way mirror, and didactic discussion. **Prerequisite:** PSYC 223, PSYC 224. 2 units.

PSYC 228. Practicum in Counseling and Psychotherapy. Supervised practice in counseling individuals, couples and families with personal, marital, family, vocational and educational problems. May be repeated once for credit. **Prerequisite:** PSYC 223, PSYC 224, PSYC 227, PSYC 268, PSYC 201 or PSYC 235. **Corequisite:** PSYC 229. Graded Credit/No Credit. 4 units.

PSYC 229. Practicum Evaluation. Students will meet on a one-to-one basis with the instructor to plan and evaluate effective intervention strategies and techniques for counseling clients. May be repeated once for credit. **Prerequisite:** PSYC 223, PSYC 224, PSYC 227, PSYC 268, PSYC 201 or PSYC 235. **Corequisite:** PSYC 228. Graded Credit/No Credit. 2 units.

PSYC 235. Counseling of Multicultural Groups. Presents an overview of the historical, cultural, social and economic factors which affect the behavior and adjustment of multicultural individuals and families. Includes a study of the assimilation of dominant cultural values, as well as the psychological, social, educational and vocational conflict which (attempted) assimilation often engenders. The application of psychological skills in counseling and therapy with multicultural individuals will also be taught. 3 units.

PSYC 236. Theories and Techniques of Sexual Counseling. Covers theories of counseling which are applicable for dealing with sexual problems. Since the purpose of the course will be to train those in the helping professions, such as psychologists, social workers, and counselors, to assist clients in coping with sexual dysfunctioning, treatment techniques will also be included. **Prerequisite:** Graduate standing; PSYC 134; a course in counseling theory. 3 units.

PSYC 250. Alcohol and Chemical Substance Dependency: Detection and Treatment. Examines various theories regarding the etiology of alcoholism and the abuse of other chemical substances, and the effects of biological, psychological, and sociocultural factors, as well as methods of detection and diagnosis. A variety of intervention techniques and treatment approaches, and how and when to use each, will be explored. Provides the training required by Chapter 1365 of the Statutes of 1986 and Chapter 738 of the Statutes of 1987 for the MFT, LCSW, RN and Psychologist licenses. **Note:** May substitute EDC 233. Lecture/Discussion. 3 units.

PSYC 251. Developmental Processes. Study of the psychological processes underlying development throughout the life span. Covers such topics as cognitive, language, emotional, and relationship development in terms of the individual. Attention will be given to functioning of the individual within social units such as the family. **Prerequisite:** PSYC 148 or PSYC 149. 3 units.

PSYC 252. Child Abuse and Neglect. Provides students with appropriate training in the assessment and reporting of child abuse, as required by Chapter 1365 of the Statutes of 1986 and Chapter 738 of the Statutes of 1987. Exploration of the etiology and various theories regarding the abuse, neglect and sexual molestation of children. Biological, psychological, and sociocultural factors will be discussed. Methods of assessing, reporting, treating and preventing abuse, neglect and sexual molestation will be taught to increase the participant's sensitivity to physical and behavioral clues. A variety of treatment approaches will be presented. 1 unit.

PSYC 253. Child Therapy. Covers the etiology, nosology, diagnosis, evaluation, and treatment modalities, as well as the clinical symptomology, of various disorders. Extensive treatment models and strategies will be presented covering specific disorders of childhood. These include developmental and habit disorders, affective and emotional disorders, behavioral disturbances, academic problems, communication and language disorders, and special situations such as situational fears, child abuse, sexual abuse, and the impact of divorce on the family. Treatment modalities include: psychopharmacology, behavioral therapies, play therapy, family therapy, and individual psychotherapy. Prevention strategies will also be discussed. 3 units.

PSYC 254. Spouse/Partner Abuse. Provides students with appropriate training in spousal or partner abuse assessment, detection and intervention as required by Chapter 1234, Stat. 1993 and by Business and Professionals Code Section 4980.41(e). Biological, psychological and socioculture factors will be discussed. Methods of assessing, reporting, treating and preventing spousal or partner abuse will be taught to increase the participant's sensitivity to physical and behavioral clues. A variety of treatment approaches will also be presented. 1 unit.

PSYC 260. Theoretical Foundations of Industrial Psychology. Major theories which have made significant theoretical contributions to industrial psychology are covered, along with areas of significant research which have provided the foundations of modern industrial psychology. **Prerequisite:** PSYC 169 or equivalent. 3 units.

PSYC 262. Theoretical Foundations of Organizational Psychology. Major theories that made significant theoretical contributions to organizational psychology are covered, along with areas of significant research which have provided the foundations of modern organizational psychology. **Prerequisite:** PSYC 108 or equivalent. 3 units.

PSYC 268. Advanced Psychopathology. Covers an advanced and detailed discussion of the description, etiology, development, dynamics and treatment of individuals with mental disorders. Since the DSM-IV is the major classification system used by mental health professionals, it will also be discussed. This manual describes essential features of a variety of disorders and outlines the basis on which an experienced clinician can differentiate one disorder from another. **Note:** May substitute EDC 231. 3 units.

PSYC 271. Advanced Applied Behavior Analysis. This course is designed both for graduate students who are interested in gaining knowledge about the fundamental principles of behavioral psychology and those who are pursuing certification as a Board Certified Behavior Analyst. Students will not only learn behavioral theory and the means by which behavior is increased, decreased, shaped and maintained, but they will learn to apply behavioral principles to more complex topics such as concept formation and novel behaviors. **Prerequisite:** Graduate standing and instructor permission. 3 units.

PSYC 283. Teaching of Psychology. Covers the historical background of higher education, the social and administrative structure of colleges and universities, and the selection, preparation and planning of undergraduate psychology courses, particularly introductory courses. 3 units.

PSYC 284. Advanced Applied Child Psychology. Advanced study and practical experience in application and teaching of Behavior Analytic methods of assessment, data collection, program construction and evaluation with children. Students will become proficient in conducting functional analyses, positive programming, constructing and implementing behavior intervention programs for behavior excesses (consistent with State of California laws) and to construct task analyses for behavior deficits. They will be required to develop didactic skills with respect to these various programs. Lecture three hours; Lab three hours. **Prerequisite:** Graduate standing and instructor permission. 3 units.

PSYC 292. Laboratory. Controlled observations or organized research projects conducted in relation to the content of a regularly scheduled course. This multiple purpose laboratory is offered as needed, and may be taken only in conjunction with the appropriate, regularly scheduled course. May be repeated once for credit. 1 unit.

PSYC 293. Fieldwork Evaluation. Students doing clinical and counseling fieldwork in various community agencies will meet as a group, as well as individually, with their instructor to discuss their fieldwork experiences and significant issues which they are facing in their agency placements. Issues of ethics and therapeutic confidentiality will be discussed. May be repeated once for credit and a third time if another agency is involved. **Corequisite:** PSYC 295F or PSYC 295G. Graded Credit/No Credit. 1 unit.

PSYC 294. Cooperative Research. Students work cooperatively on a psychological research project under faculty supervision. Requires permission of instructor and the Department Chair. May be repeated once for credit. 1-6 units.

PSYC 295A. Fieldwork in the Teaching of Psychology. Supervised experience in various educational and instructionally related tasks, such as leading discussion groups, setting up and presenting demonstrations, constructing and scoring tests, and tutoring, at selected educational institutions in the Sacramento area. Requires permission of instructor and the Department Chair. May be repeated once for credit. Graded Credit/No Credit. 1-6 units.

PSYC 295C. Fieldwork in Personnel and Organizational Psychology. Supervised work experience at a professional level in business and governmental organizations. Requires permission of instructor and the Department Chair. May be repeated once for credit. Graded Credit/No Credit. 1-6 units.

PSYC 295E. Fieldwork in Applied Behavior Analysis. Supervised practice using behavior modification in field settings such as schools, hospitals, and other institutions. Includes data gathering and paper presentations. Requires permission of instructor and the Department Chair. May be repeated once for credit. **Prerequisite:** PSYC 171, PSYC 184. Graded Credit/No Credit. 1-4 units.

PSYC 295F. Fieldwork in Clinical and Counseling Psychology. Supervised experience in various community and governmental agencies. The experience must be of an applied psychological nature, determined collectively by the agency, the supervising faculty member, and the student. **Note:** Students may be required to have professional liability insurance in force with minimum limits of \$1 million per incident and \$3 million per year; contact the Psychology Graduate coordinator and the supervising instructor for more information about this requirement. May be repeated once for credit and a third time if another agency is involved. **Prerequisite:** PSYC 223, PSYC 224, PSYC 268, and PSYC 201 or PSYC 235; instructor permission. Graded Credit/No Credit. 1-4 units.

PSYC 295G. Fieldwork. Projects in contemporary areas of psychology under the supervision of one or more faculty. Requires permission of instructor and the Department Chair. May be repeated once for credit. Graded Credit/No Credit. 1-6 units.

PSYC 296. Experimental Offerings in Psychology. Intensive examination of a selected topic in psychology chosen in accordance with availability of staff and indications of interest by students. 3 units.

PSYC 298. Research Practicum. Provides an integrated experience in professional issues, methods, techniques and theories specific to a particular programmatic line of psychological research. Students will read and discuss theoretical and empirical manuscripts and be involved in directed team research project(s). May be repeated four times for credit, but applied only twice to MA electives. **Prerequisite:** Instructor permission. **Corequisite:** PSYC 194 or PSYC 294. 3 units.

PSYC 299. Special Problems. Individual projects or directed reading. Requires approval of instructor and Department Chair. 1-6 units.

PSYC 500A. Culminating Experience. Thesis or Project. Open to students who have been advanced to candidacy and have secured the permission of the graduate coordinator. **Prerequisite:** Advancement to candidacy. Graded Credit/No Credit. 4 units.

PSYC 500B. Culminating Experience. Continuation of work on thesis or project. **Prerequisite:** PSYC 500A. Graded Credit/No Credit. 2 units.