

# PSYCHOLOGY

*College of Social Sciences and Interdisciplinary Studies*

## 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 Sacramento State Psychology Department offers an undergraduate major and minor in Psychology and an undergraduate certificate in Applied Behavior Analysis. In addition, there are graduate programs in Applied Behavior Analysis, Industrial/Organizational Psychology, and General Psychology (which comprises a range of interests, including doctoral program preparation). At both the undergraduate and graduate levels, students may choose coursework, fieldwork, and research experiences that allow them to emphasize such areas as Applied Behavior Analysis, Clinical Psychology, Cognitive Psychology, Community Psychology, Cultural Psychology, Developmental Psychology, Industrial/Organizational Psychology, Neuroscience, Quantitative Methods, Personality, and Social Psychology.

The Psychology program at Sacramento State is highly sought after and the undergraduate major is now officially impacted. Students wishing to become Psychology majors must meet eligibility requirements before applying for admission to the program. It is highly recommended that interested students speak with a Psychology advisor as soon as possible.

## Specializations

- **Master of Arts:** Applied Behavior Analysis / General Psychology / Industrial-Organizational Psychology

## Special Features

- The Psychology Department is housed in Amador Hall and contains extensive human and animal research facilities.
- The Psychological Services Center provides excellent learning opportunities for students in Applied Behavior Analysis. The six-room suite is equipped for audio and video recording of research sessions and a kitchenette for studies with children diagnosed with feeding difficulties.
- Available facilities support operant and neuroscience research with animals, including a rodent colony as well as equipment for behavioral procedures, histological techniques, and neurophysiological recordings.
- Computer labs are available for data collection, analysis, and teaching.
- The Psychology Department maintains close ties with the Sacramento community. Each year students conduct research projects or fieldwork in various community organizations and state agencies.
- Students are able to take independent study courses in Applied Behavior Analysis, Clinical Psychology, Cognition Cultural Psychology, Developmental Psychology, Industrial/Organizational Psychology, Neuroscience, Perception, Quantitative Methods, and Social Psychology.
- The Prospects Peer Mentoring and Advising Program allows students to give and receive information and support regarding academic and career planning.

- Our Annual Psychology Department Research Conference showcases student and faculty research projects for the campus community, providing professional development opportunities for students.
- Several student organizations are involved in extracurricular activities: Psi Chi, Psychology Society, and the Student Association for Applied Behavior Analysis.

## Career Possibilities

### Individuals with a Bachelor of Arts

Administrative Service Manager · Admissions Counselor · Behavior Specialist · Community Service Manager · Employee Assistance Program Associate · Health Educator · Human Factors Specialist · Management Analyst · Market Research Analyst · Mental Health Worker · Public Relations Specialist · Sales Manager · Sales Representative · Victim Advocate.

### Individuals with a Master of Arts

Autism Specialist · Behavior Analyst · Behavioral Consultant · Case Manager · Career Counselor · Community College Instructor · Human Resource Specialist · Mental Health Counselor · Personnel Analyst · Private Sector Consultant · Program Director · Psychometric Specialist · Personnel Selection Consultant · Research Analyst · Research Program Manager · Research Technician · School Consultant · Test Validation Specialist · Training and Development Specialist

## Contact Information

Rebecca Cameron, Department Chair  
Pat Hughes, Administrative Support Coordinator  
Amador Hall 350  
(916) 278-6254  
[www.csus.edu/psyc](http://www.csus.edu/psyc) (<http://www.csus.edu/psyc>)

## Faculty

AKUTSU, PHILLIP D.  
  
AUGUST, RACHEL A.  
  
BERRIGAN, LEE P.  
  
BOHON, LISA  
  
CALTON, JEFFREY L.  
  
CAMERON, REBECCA P.  
  
ENDRIGA, MARYA C.  
  
FURTAK, SHARON  
  
HARRISON, LISA A.  
  
HEINICKE, MEGAN  
  
HURTZ, GREGORY  
  
KIM-JU, GREGORY  
  
KNIFSEND, CASEY  
  
MEYERS, LAWRENCE S.  
  
MIGUEL, CAIO F.

PENROD, BECKY

QIN, JIANJIAN

STRICKLAND, ORIEL J.

WICKELGREN, EMILY A.

## Undergraduate Programs

With a Bachelor of Arts in Psychology, graduates can qualify for positions requiring an understanding of human behavior in public service, education, or business. The undergraduate Behavior Analysis Certificate qualifies students for positions requiring the application of behavior analysis in educational settings and health and human service agencies.

## BA Degree in Psychology

Units required for Major: 46-50

Minimum total units required for BA: 120

**Note:** PSYC 2, PSYC 8, and PSYC 101 must each be completed with a minimum grade of "C-" or better.

### Required Lower Division Courses (7 Units)

PSYC 2	Introductory Psychology	3
PSYC 4	Navigating Psychology: The Major and Careers	1
PSYC 8	Methods of Psychology	3

### Required Upper Division Courses (33-37 Units)

PSYC 100	Cross-Cultural Psychology	3
PSYC 101	Statistics for Psychology	3
Select one of the following methods courses:		3 - 4

PSYC 120	Psychological Testing	
PSYC 121	Methods and Statistics in Psychological Research	
PSYC 122	Qualitative Research in Psychology	
PSYC 181	Experimental Analysis of Behavior	

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

PSYC 111	Introduction to Biological Psychology	
PSYC/BIO 115	Introduction to Neuroscience	
PSYC 116	Animal Behavior	
PSYC 117	Drugs and Behavior	

Select two of the following cognitive and learning processes courses: 6 - 7

PSYC 103	Perception	
PSYC 104	Learning Theories	
PSYC 106	Motivation	
PSYC 110	Cognitive Psychology	
PSYC 171	Applied Behavior Analysis	

Select one of the following developmental processes courses: 3

PSYC 148	Child Psychology	
PSYC 149	Psychology of Adolescence	
PSYC 150	Psychological Aspects of Aging	

Select two of the following individual and social processes courses: 6

PSYC 108	Organizational Psychology	
PSYC 130	Personality Theories	
PSYC 145	Social Psychology	
PSYC 168	Abnormal Psychology	

Select one of the following human diversity courses: 3

PSYC 135	Psychology of Multicultural Groups	
PSYC 157	Psychology of Women	
PSYC 160	Homosexuality	
PSYC 185	Psychology of Exceptional Children	

Select one of the following capstone courses: 3 - 4

PSYC 102	Advanced Methods and Statistics in Psychological Research <sup>1</sup>	
PSYC 107	Controversial Issues in Psychology	
PSYC 190	History and Systems of Psychology	
PSYC 194	Cooperative Research	

### Electives (6 Units)

Select two additional upper division Psychology courses numbered 100-199 6

Total Units 46-50

<sup>1</sup> Select PSYC 102 if planning to enter a graduate program in Psychology.

**Note:** Transfer students must take at least 15 units of Psychology courses in residence at Sacramento State; 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 2, PSYC 4, PSYC 8 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. A brochure is available in the Psychology Department Office with specific course recommendations depending on the desired career path of the student.

## Minor in Psychology

Units required for the Minor: 21, 15 of which must be upper division.

**Note:** PSYC 2 and PSYC 8 must each be completed with a grade of "C-" or better.

Specific course requirements are:

PSYC 2	Introductory Psychology	3
PSYC 8	Methods of Psychology	3

Select two of the following: 6 - 7

PSYC 103	Perception	
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PSYC 104	Learning Theories	
PSYC 106	Motivation	
PSYC 110	Cognitive Psychology	
PSYC 111	Introduction to Biological Psychology	
PSYC/BIO 115	Introduction to Neuroscience	
PSYC 116	Animal Behavior	
PSYC 117	Drugs and Behavior	
Select two of the following:		6
PSYC 100	Cross-Cultural Psychology	
PSYC 108	Organizational Psychology	
PSYC 130	Personality Theories	
PSYC 145	Social Psychology	
PSYC 148	Child Psychology	
PSYC 149	Psychology of Adolescence	
PSYC 150	Psychological Aspects of Aging	
PSYC 168	Abnormal Psychology	
Elective	Select one additional upper division Psychology course numbered 100-199	3
Total Units		21-22

**Note:** PSYC 2 may be applied to both the Minor and General Education requirements.

## Certificate - Behavior Analysis

Units required for the Certificate: 15 units of specialized coursework taken concurrently with established degree requirements. Courses for the Certificate program are applicable toward course requirements for the major.

PSYC 171	Applied Behavior Analysis	3
PSYC 181	Experimental Analysis of Behavior	4
PSYC 184	Clinical Issues in Applied Behavior Analysis	4
PSYC 185	Psychology of Exceptional Children	3
PSYC 191	Undergraduate Practicum in Behavior Analysis	3
Total Units		17

To receive the Sacramento State 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 Programs

The Master of Arts program in Psychology is designed to provide specialized education in the field of psychology. With a MA in Psychology, one can qualify for positions similar to those associated with a BA, though at a higher level of responsibility. 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. MA students can prepare for doctoral study in any area of Psychology or specialize in areas such as Applied Behavior Analysis or Industrial/Organizational Psychology. The Graduate

Brochure contains the department application procedures, including GRE requirements and the departmental application form.

Although the program is based on a core set of requirements, the structure of the program allows 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.

## Specializations

- **Applied Behavior Analysis (ABA):** Applied behavior analysis (ABA) is the field of Psychology concerned with understanding the environmental variables that reliably influence human behavior, as well as developing procedures to modify socially significant behavior. The ABA program prepares students to work as behavior analysts in a variety of settings including schools and agencies providing services to individuals with disabilities. The ABA program coursework fulfills the requirements to sit for the national certification exam in Behavior Analysis (BCBA). Students should note that this degree option is also appropriate for those planning to enter doctoral programs in Applied Behavior Analysis, Experimental Analysis of Behavior, or Special Education.
- **Industrial/Organizational Psychology:** This specialized degree option 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.
- **General Psychology:** In the General Psychology track, students 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.

## 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 Sacramento State PSYC 101 and PSYC 102 or their equivalents at other universities. 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 two 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 a Psychology Department Graduate Brochure containing the departmental application materials, and must complete both parts of the application process. Each prospective graduate student, including Sacramento State graduates, must file the following with the Office of Graduate Studies, River Front Center 215, (916) 278-6470:

- an online application for admission; and
- two sets of official transcripts from all colleges and universities attended, *other than Sacramento State*.

For more admissions information and application deadlines please visit <http://www.csus.edu/gradstudies/>.

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 Sacramento State 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.

\*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;
- selected a Thesis or Project committee;

- 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); and
- taken the Writing Placement for Graduate Students (WPG) or taken a Graduate Writing Intensive (GWI) course in their discipline within the first two semesters of coursework at California State University, Sacramento or secured approval for a WPG waiver.

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 Office of Graduate Studies for approval.

## MA Degree in Psychology

Units required for the MA: 30, each with a grade of "B" or better


Minimum required GPA: 3.0

## MA Degree - Doctoral Preparation Option

Units required for the MA: 30, each with a grade of "B" or better

Minimum required GPA: 3.0

### Required Core Courses (6 Units)

PSYC 200	Methods in Empirical Psychology 	3
PSYC 202	Survey of Contemporary Statistical Methods in Psychological Research	3

### Group 1 Seminars (3 Units)

Select one of the following:		3
PSYC 209	Seminar in Systems of Psychology	
PSYC 210	Theories of Personality	
PSYC 217	Seminar in Social Psychology	
PSYC 251	Developmental Processes	
PSYC 268	Advanced Psychopathology	

### Group 2 Seminars (3 Units)

Select one of the following:		3
PSYC 240	Seminar in Behavioral Neuroscience	
PSYC 241	Seminar in Cognitive Psychology	
PSYC 242	Seminar in Learning and Behavior	

### Methods (3 Units)

Select one of the following:		3
PSYC 204	Advanced Topics in Statistical Methods for Psychological Research	
PSYC 205	Measurement Methods for Psychological Research and Practice	
PSYC 206	Tests and Measurement	
PSYC 272	Research Methods in Behavior Analysis	

### Track Courses (11 Units)

PSYC 283	Teaching Of Psychology	3
Select two other PSYC courses (in any combination) from Group 1 Seminars, Group 2 Seminars, or Methods		6
PSYC 294	Cooperative Research	2
or PSYC 299	Special Problems	

### Culminating Experience (6 Units)

PSYC 500A	Culminating Experience	4
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PSYC 500B	Culminating Experience <sup>1</sup>	2
Total Units		32

<sup>1</sup> Students must enroll in PSYC 500B if thesis/project is not satisfactorily completed while enrolled in PSYC 500A.

## MA Degree - Applied Behavior Analysis Option

Applied Behavior Analysis is a scientific approach aimed at

1. understanding environmental variables that reliably influence socially significant behavior and
2. developing behavior-change technologies based on this understanding.

Applied Behavior Analysis procedures have been used in many areas including developmental disabilities, education, rehabilitation, community psychology, self-management, child management, and sports psychology. The program at Sacramento State prepares students to practice as M.A. level board certified behavior analysts, as well as enter doctoral (Ph.D.) programs in Applied Behavior Analysis or Experimental Analysis of Behavior. Our graduates are extremely marketable in California and are typically employed by school districts, private schools, or agencies providing services to individuals with learning, emotional, or developmental disabilities.

### Research and Clinical Opportunities

Our research facilities include human and animal (rats) operant laboratories and research rooms for data collection with children and adults. We have also established research partnerships with different schools and agencies in the region.

Clinical training is also an integral part of our program. There are numerous funded internships and job opportunities for behavior analysis students in Sacramento. Students may also obtain clinical experience working closely with behavior analysis professors in one of these projects:


- UCP Autism Center for Excellence (A.C.E.) - This is an on-campus multidisciplinary program developed to promote community participation of children diagnosed with autism between ages 8-12.
- ABA Clinic - This is an open-campus clinic for assessment and treatment of behavior problems such as feeding disorders, stereotypy, aggression, and self-injury.
- Children's Hospital - UC Davis - This is an off-campus multidisciplinary program serving children with feeding disorders and their families. Children served have been diagnosed as failure to thrive and/or are G-tube dependent.

### Certification

The ABA track coursework should fulfill the new requirements to sit for the national certification exam in Behavior Analysis. For more information visit [www.bacb.com](http://www.bacb.com) (<http://www.bacb.com>).

### Requirements

#### Required Core Courses (6 Units)

PSYC 200	Methods in Empirical Psychology 	3
PSYC 202	Survey of Contemporary Statistical Methods in Psychological Research	3

#### Required Area Courses (18 Units)

PSYC 271	Advanced Applied Behavior Analysis	4
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PSYC 272	Research Methods in Behavior Analysis	3
PSYC 274	Theoretical Foundations of Behavior Analysis	3
PSYC 281	Advanced Experimental Analysis of Behavior	4
PSYC 284	Assessment and Treatment of Behavior Problems	4

#### Required Fieldwork (3 Units)

PSYC 291	Practicum in Behavior Analysis	3
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#### Electives (3 Units)

Select one of the following: 3

PSYC 209	Seminar in Systems of Psychology	
PSYC 210	Theories of Personality	
PSYC 216	Current Literature in Personnel and Organizational Psychology	
PSYC 217	Seminar in Social Psychology	
PSYC 251	Developmental Processes	
PSYC 268	Advanced Psychopathology	
PSYC 299	Special Problems	

#### Culminating Experience (6 Units)

PSYC 500A	Culminating Experience	4
PSYC 500B	Culminating Experience	2
Total Units		36


## Master of Arts Degree - 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 Sacramento State 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.

#### Required Core Courses (6 Units)

PSYC 200	Methods in Empirical Psychology 	3
PSYC 202	Survey of Contemporary Statistical Methods in Psychological Research	3

#### Required Courses (18 Units)

PSYC 204	Advanced Topics in Statistical Methods for Psychological Research	3
or PSYC 205	Measurement Methods for Psychological Research and Practice	
PSYC 206	Tests and Measurement	3
PSYC 209	Seminar in Systems of Psychology	3
PSYC 216	Current Literature in Personnel and Organizational Psychology	3
or PSYC 217	Seminar in Social Psychology	
PSYC 260	Theoretical Foundations of Industrial Psychology	3

PSYC 262	Theoretical Foundations of Organizational Psychology	3
<b>Required Supervisory Courses (6 Units)</b>		
Select a minimum of 6 units from the following:		6
PSYC 294	Cooperative Research	
PSYC 299	Special Problems	
<b>Culminating Requirement (6 Units)</b>		
PSYC 500A	Culminating Experience	4
PSYC 500B	Culminating Experience <sup>1</sup>	2
Total Units		36

<sup>1</sup> Students must enroll in PSYC 500B if thesis/project is not satisfactorily completed while enrolled in PSYC 500A.

### PSYC 2. Introductory Psychology. 3 Units

#### General Education Area/Graduation Requirement: GE AREA D

Provides a general overview of theory and research concerning psychological processes at the basic, individual and social levels.

Topics will include physiological psychology, comparative psychology, learning, motivation, sensation and perception, developmental psychology, personality, social psychology, maladaptive behavior, individual differences, and selected other topics. Requires three hours of participation as a research subject.

### PSYC 4. Navigating Psychology: The Major and Careers. 1 Unit

**Prerequisite(s):** PSYC 2 and Psychology majors only.

Covers requirements for the major and career options in psychology and related fields. Students learn to design plans of study to meet requirements for the major and enhance career objectives. Introduces career options in various areas such as academic psychology, applied behavior analysis, counseling and mental health, education, industrial-organizational psychology and related fields. Class activities clarify students' career goals and develop skills such as resume writing and interviewing. Requires participation as a research subject.

### PSYC 8. Methods of Psychology. 3 Units

**Corequisite(s):** PSYC 2.

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.

### PSYC 100. Cross-Cultural Psychology. 3 Units

**Prerequisite(s):** PSYC 2, PSYC majors only.

**Corequisite(s):** PSYC 8.

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.

### PSYC 101. Statistics for Psychology. 3 Units

**Prerequisite(s):** Passing score on ELM; PSYC 2, PSYC 4, PSYC 8. PSYC majors only.

Introduction to descriptive and inferential statistics as tools for evaluating data from Psychological research. Topics include: measures of central tendency, measures of variability, correlation and regression, sampling distributions, hypothesis testing procedures including t-tests and analysis of variance, and selected other topics. Application of hand computation will be emphasized to include the interpretation and significance of the statistical findings.

### PSYC 102. Advanced Methods and Statistics in Psychological Research. 4 Units

**Prerequisite(s):** PSYC 121; Psychology majors only.

Plan and conduct projects using experimental, quasi-experimental and correlational methods. Evaluate published research and write proposals with attention to such issues as the reliability and validity of methods, the degree to which statistical assumptions are met, the adequacy of statistical power, and the internal and external validity of the project. Contemporary research design, measurement, and analysis techniques are examined, including the use of statistical software, for varieties of univariate and multivariate research designs. Lecture-discussion three hours; laboratory three hours.

### PSYC 103. Perception. 3 Units

**Prerequisite(s):** PSYC 2; PSYC 8, PSYC 101 recommended.

Examination of how information about the outside world is sensed and how that information is organized and interpreted to form perceptions. Vision and audition will be primarily examined, along with some coverage of the other senses. Topics may include psychophysical methods, basic physiology and function of sensory systems, perception of color and form, motion, distance, auditory patterns, body and limb position, temperature, pain, perceptual constancies, attention, perceptual learning, adaptation, and perceptual development.

### PSYC 104. Learning Theories. 3 Units

**Prerequisite(s):** PSYC 2, PSYC 8, PSYC 101.

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.

### PSYC 106. Motivation. 3 Units

**Prerequisite(s):** PSYC 2; PSYC 8, PSYC 101 recommended.

Study of theories and experimental findings related to basic processes in animal and human motivation.

### PSYC 107. Controversial Issues in Psychology. 3 Units

**Prerequisite(s):** PSYC 101; Psychology majors only

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.

### PSYC 108. Organizational Psychology. 3 Units

This course will provide an overview of the dynamics of human behavior in organizations, using the lens of psychological theory. Students will explore individual-, group-, and systems-level phenomena in organizations, with the overriding goal of understanding how to maximize performance, well-being, and satisfaction at work. Topics may include job attitudes, teams, organizational culture, individual differences, leadership, employee development, organizational change, occupational stress, fairness and diversity, and more.

- PSYC 110. Cognitive Psychology.** 3 Units  
**Prerequisite(s):** PSYC 2; PSYC 8, PSYC 101 recommended.  
 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.
- PSYC 111. Introduction to Biological Psychology.** 3 Units  
**Prerequisite(s):** PSYC 2; PSYC 8, PSYC 101 recommended.  
 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.
- PSYC 115. Introduction to Neuroscience.** 4 Units  
**Prerequisite(s):** PSYC 2, PSYC 8; PSYC 101.  
 Introduction to the structure and function of the nervous system including neuroanatomy, neurophysiology, and systems neuroscience. Lectures and readings emphasize the empirical questions, techniques and methods used in neuroscience research. Laboratory activities focus on nervous system structure and some of the specialized techniques used within the fields of cellular, systems, and behavioral neuroscience. Lecture-discussion three hours; laboratory three hours. Cross Listed: BIO 115; only one may be counted for credit.
- PSYC 116. Animal Behavior.** 3 Units  
**Prerequisite(s):** PSYC 2; background in biological sciences recommended.  
 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.
- PSYC 117. Drugs and Behavior.** 3 Units  
 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.
- PSYC 118. Cognitive Neuroscience.** 3 Units  
**Prerequisite(s):** PSYC 111, PSYC 115, BIO 115, or BIO 132.  
 Examines how the nervous system accomplishes cognitive functioning. Brain mechanisms of higher functions such as memory, attention, sensorimotor integration, decision making, and language will be covered.
- PSYC 119. Human Factors Psychology.** 3 Units  
**Prerequisite(s):** PSYC 2  
 Study of the scientific application of psychology and human performance to the design of products and complex systems. Applications of perception, cognition, and human physical limitations are covered, with an emphasis on understanding how they relate to design. Topics include perception, attention, decision making, memory, action, and how they related to areas such as product design, human-machine interaction, health and medicine, aviation and aerospace, ergonomics of the workplace, and designing for special populations.
- PSYC 120. Psychological Testing.** 3 Units  
**Prerequisite(s):** PSYC 101  
 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.
- PSYC 121. Methods and Statistics in Psychological Research.** 3 Units  
**Prerequisite(s):** PSYC 101 and PSYC Majors only.  
 Project-based experience of Psychology. Study of scientific processes in research such as literature reviews; developing testable hypotheses; design; IRB review; data collection, analysis, and interpretation; critical analysis of studies; APA paper preparation; and issues in dissemination. Study of some advanced statistical processes such as factorial ANOVAs, planned and post hoc comparisons, and multiple regression. Study of statistical software programs used in the analysis of data.
- PSYC 122. Qualitative Research in Psychology.** 3 Units  
**Prerequisite(s):** PSYC 101 and PSYC Majors only.  
 Examines the philosophy underpinning the use of qualitative research and the methods and analyses strategies used in qualitative research. Methods may include interviews, focus groups, participant observation, and behavioral observation. Analyses strategies may include grounded theorizing, negative case analyses, developing case studies, and content coding. Issues pertaining to data accuracy and consistency will be examined, and the researcher's role in interpreting results. Students will complete research projects involving the collection and/or analyses of qualitative data.
- PSYC 130. Personality Theories.** 3 Units  
**Prerequisite(s):** PSYC 2.  
 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.
- PSYC 134. Psychology of Human Sexuality.** 3 Units  
**Prerequisite(s):** PSYC 2.  
**General Education Area/Graduation Requirement:** Understanding Personal Development (E)  
 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.
- PSYC 135. Psychology of Multicultural Groups.** 3 Units  
**General Education Area/Graduation Requirement:** Understanding Personal Development (E)  
 Examines the role of culture, race, ethnicity, gender, and social class in human development and behavior within diverse cultural groups. Presents sociocultural and ecological perspectives on human development, i.e., that individuals must be understood in the context of his or her culturally patterned social relations, practices, institutions, and ideas. Explores psychological issues that pertain to the major ethnic minority groups in the U.S.
- PSYC 137. Stress Management.** 3 Units  
**General Education Area/Graduation Requirement:** Understanding Personal Development (E)  
 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.

- PSYC 142. Community Psychology. 3 Units**  
**Prerequisite(s):** PSYC 2 and PSYC 101, and PSYC Major.  
 This course is designed to introduce you to the field of community psychology, which is concerned with the scientific study of social problems through collaborative research. This course will provide you with ecological frameworks that aim to reduce social problems (e.g., poverty, mental illness and others) as well as core values of community well-being, empowerment, and collaboration. You will be exposed to prevention and intervention programs employed to solve social concerns as well as potential implications for practice and policy.
- PSYC 143. Practicum in Community Psychology. 3 Units**  
**Prerequisite(s):** academic level of senior, Psychology majors only, and instructor permission.  
**Corequisite(s):** PSYC 142  
 Classroom and on-site experience in community psychology. Students will work at a community organization for a minimum of six hours per week with supervision by authorized persons at the organization. Students will also attend weekly class meetings to discuss the application of concepts in community psychology to practicum experience. Topics include: ethics, structure and capacity of community organizations, working with diverse populations, and professional relationships.
- PSYC 145. Social Psychology. 3 Units**  
**Prerequisite(s):** PSYC 2.  
 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.
- PSYC 148. Child Psychology. 3 Units**  
**Prerequisite(s):** PSYC 2.  
 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.
- PSYC 149. Psychology of Adolescence. 3 Units**  
**Prerequisite(s):** PSYC 2.  
 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.
- PSYC 150. Psychological Aspects of Aging. 3 Units**  
**Prerequisite(s):** PSYC 2.  
 Developmental study of human aging emphasizing psychosocial, psychopathological, biological, intellectual and personality processes from a theoretical and research-oriented perspective.
- PSYC 151. Psychological Aspects of Death and Dying. 3 Units**  
**General Education Area/Graduation Requirement:** Understanding Personal Development (E)  
 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.
- PSYC 152. Psychological Aspects of Health, Wellness, and Illness. 3 Units**  
**Prerequisite(s):** PSYC 2 and PSYC 8.  
 Examines social, psychological, and behavioral factors important for physical health and emotional well-being. Psychological perspectives are applied to such topics as behavioral medicine, health promotion and compromise, the stress-illness relationship, social relations, personality, emotions, chronic illness, death and dying, and health care provider and patient interactions. Explores the development of health problems and the causes of premature death, as well as research on how psychology can help people live longer, healthier lives.
- PSYC 153. Political Psychology. 3 Units**  
 Examines the ways in which political behavior is shaped by individual beliefs, personalities, cognitive patterns, biases, and other psychological mechanisms. Students will engage with a wide range of research on topics such as cognitive styles, personality, obedience, psychological roots of terrorism, the psychology of ideology, and the role of emotion in politics.  
 Cross Listed: GOVT 152
- PSYC 157. Psychology of Women. 3 Units**  
**Prerequisite(s):** PSYC 2 or instructor permission.  
 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.
- PSYC 160. Homosexuality. 3 Units**  
 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.
- PSYC 165. Evolutionary Psychology. 3 Units**  
**Prerequisite(s):** PSYC 2 and PSYC 8; Psychology majors only  
 Examination of empirical literature on emotion, behavior, and cognition of individuals from an evolutionary perspective. Topics can include: scientific methods in evolutionary psychology, survival strategies, mating strategies, parenting, kinship, cooperation, altruism, aggression, sexual conflict, and social dominance.
- PSYC 167. Psychology in Personnel Training and Development. 3 Units**  
**Prerequisite(s):** PSYC 2.  
 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.
- PSYC 168. Abnormal Psychology. 3 Units**  
**Prerequisite(s):** PSYC 2.  
 Detailed consideration of behavior disorders and maladaptive behavior: theories of causation, descriptions of the disorders, and strategies of various therapies.



- PSYC 169. Industrial Psychology.** 3 Units  
**Prerequisite(s):** PSYC 2, PSYC 8.  
 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.
- PSYC 171. Applied Behavior Analysis.** 3 Units  
**Prerequisite(s):** PSYC 2.  
 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.
- PSYC 181. Experimental Analysis of Behavior.** 4 Units  
**Prerequisite(s):** PSYC 101, PSYC 171, and PSYC majors only.  
 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.
- PSYC 184. Clinical Issues in Applied Behavior Analysis.** 4 Units  
**Prerequisite(s):** PSYC 2 and PSYC 171, and PSYC majors or ABA Certificate students only  
 Extensive study of applied behavior analytic methods in the assessment, development, and implementation of treatment programs for a variety of clinical issues including pediatric behavior problems, developmental disabilities, hyperactivity, parent-child difficulties, school-related problems, behavioral safety, brain injury, and dementia. Lecture three hours; laboratory three hours.
- PSYC 185. Psychology of Exceptional Children.** 3 Units  
**Prerequisite(s):** PSYC 2.  
 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.
- PSYC 190. History and Systems of Psychology.** 3 Units  
**Prerequisite(s):** PSYC 101 and PSYC majors only.  
 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.
- PSYC 191. Undergraduate Practicum in Behavior Analysis.** 3 Units  
**Prerequisite(s):** PSYC 171 or PSYC 181.  
 Classroom and on-site experience in applied behavior analysis. Students will work at an approved agency for a minimum of 10 hours per week under the supervision of a Board Certified Behavior Analyst. Students will also meet in class to present and review their cases. Emphasis will be placed on treatment integrity and ethics.  
**Note:** Requires permission of instructor. May be repeated for credit.  
 Credit/No Credit
- PSYC 194. Cooperative Research.** 1 - 6 Units  
**Prerequisite(s):** PSYC 2, PSYC 8; PSYC 101 recommended.  
 Opportunity for dedicated students interested in graduate school or a career involving research to work cooperatively on a psychological research project under faculty supervision.  
**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit.
- PSYC 195A. Fieldwork in the Teaching of Psychology.** 1 - 6 Units  
 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.  
**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit.  
 Credit/No Credit
- PSYC 195B. Fieldwork in Child Observation.** 3 Units  
**Prerequisite(s):** PSYC 148 or equivalent.  
 Supervised observation of preschool children in a formal school setting.  
**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit.  
 Credit/No Credit
- PSYC 195C. Fieldwork in Industrial and Organizational Psychology.** 1 - 6 Units  
 Supervised work experience at an appropriate level in business and governmental organizations.  
**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit.  
 Credit/No Credit
- PSYC 195F. Fieldwork in Community Psychology.** 1 - 4 Units  
 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.  
**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit and a third time if another agency is involved.  
 Credit/No Credit
- PSYC 195G. Fieldwork.** 1 - 6 Units  
 Projects in contemporary areas of psychology under the supervision of one or more faculty.  
**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit.  
 Credit/No Credit
- PSYC 197A. Advanced Research I.** 1 - 4 Units  
**Prerequisite(s):** PSYC 194 and permission of instructor and Department Chair. Graded; 1 - 4 units.  
 Advanced research opportunity for students who have completed previous research experiences in PSYC 194. Students in the course are expected to develop advanced skills in research methods, data management, data analysis, and the communication of research findings by conducting research on collaborative projects under the guidance of a psychology faculty supervisor.
- PSYC 197B. Advanced Research II.** 1 - 4 Units  
**Prerequisite(s):** PSYC 197A and permission of instructor and Department Chair. Graded; 1 - 4 units.  
 Advanced research opportunity for students who have completed previous research experiences in PSYC 197A. Students in the course are expected to demonstrate competence in advanced research skills in research methods, data management, data analysis, and the communication of research findings by conducting research on collaborative projects under the guidance of a psychology faculty supervisor.

- PSYC 198A. Prospects for Success: Peer Mentee.** 1 Unit  
Provide psychology majors with information and experiences necessary for developing academic goals, skills, and better understanding of the Psychology major. Weekly meetings with peer mentors to discuss topics that include academic planning, website navigation, preparation for meeting with professors, academic skills, student professionalism and resume/CV development.  
**Note:** May be repeated for credit  
Credit/No Credit
- PSYC 198B. Prospects for Success: Peer Mentor.** 2 - 3 Units  
**Prerequisite(s):** PSYC 4 and permission from instructor  
Provide peer mentoring and advising to Psychology majors. Develop peer mentoring knowledge and skills through training and assigned readings. Peer mentors provide psychology majors with information and experiences necessary for developing academic goals, skills, and a better understanding of the Psychology major. Conduct weekly mentee meetings to discuss topics that include academic planning, website navigation, preparations for meetings with professors, academic skills, student professionalism and resume/CV development.
- PSYC 199. Special Problems.** 1 - 6 Units  
Individual projects or directed reading.  
**Note:** Requires permission of instructor and the Department Chair.  
Credit/No Credit
- PSYC 200. Methods in Empirical Psychology.** 3 Units  
**Prerequisite(s):** PSYC 8, PSYC 101, PSYC 102.  
**General Education Area/Graduation Requirement:** Writing Intensive Graduation Requirement (WI)  
Philosophy of science, critical thinking in the design of research studies, and professional issues. Topics include: nature of science; observational, experimental, and 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.
- PSYC 202. Survey of Contemporary Statistical Methods in Psychological Research.** 3 Units  
**Prerequisite(s):** Graduate standing; PSYC 102 or equivalent  
Broad coverage of common univariate and multivariate designs and analyses used in contemporary psychological research. Primary focus is on providing the basic tools for carrying out the analyses in statistical software and interpreting the results, as well as understanding results presented in published research reports. Topics include various ANOVA and multiple regression models and applications including related categorical and multivariate alternatives, such as logistic regression analysis, discriminant function analysis, MANOVA, path analysis, factor analysis, canonical correlation analysis.
- PSYC 204. Advanced Topics in Statistical Methods for Psychological Research.** 3 Units  
**Prerequisite(s):** PSYC 202  
Advanced treatment of selected research design and analysis methods of psychological research. Applications of the general and generalized linear models (e.g., multiple regression models, structural equation models, multilevel models, and limited dependent variable models) for a variety of research designs and data structures. Intermediate to advanced training in statistical software and data management. Focus is on understanding foundations and assumptions of the methods, understanding interrelationships between the methods, performing specialized and non-routine analyses when needed, and interpreting results in detail.
- PSYC 205. Measurement Methods for Psychological Research and Practice.** 3 Units  
**Prerequisite(s):** PSYC 202  
Detailed coverage of classical and modern theories and models of psychological measurement, and their applications in research and professional testing settings. Primary focus is on principles of constructing and analyzing measures, including both paper-and-pencil tests/surveys and performance-based tests that require rater judgment in scoring. Measurement models include classical testing theory, generalizability theory, confirmatory factor analysis, Rasch measurement, and item response theory.
- PSYC 206. Tests and Measurement.** 3 Units  
**Prerequisite(s):** Graduate standing and PSYC 102 or its equivalent.  
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.
- PSYC 209. Seminar in Systems of Psychology.** 3 Units  
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.
- PSYC 210. Theories of Personality.** 3 Units  
**Prerequisite(s):** PSYC 102 or equivalent; PSYC 102 may be taken concurrently.  
Study of the role of personality theory in the field of psychology, and an examination of the current theories.
- PSYC 216. Current Literature in Personnel and Organizational Psychology.** 3 Units  
**Prerequisite(s):** Course work in Personnel and Organizational Psychology; PSYC 102 or its equivalent.  
Analyzes 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.  
**Note:** May be repeated twice for credit.
- PSYC 217. Seminar in Social Psychology.** 3 Units  
**Prerequisite(s):** Graduate standing  
Review of classic and contemporary theories and research in social psychology. Topics may include group dynamics, social influence, aggression, helping behavior, attitudes, dissonance and self-justification, prejudice, stereotyping, and discrimination; automaticity and social cognition, motivation, and gender. Emphasis upon the application of social psychological theories and research to social problems.

- PSYC 240. Seminar in Behavioral Neuroscience. 3 Units**  
**Prerequisite(s):** Graduate standing  
 Surveys the fundamental principles of Behavioral Neuroscience, the connection between the brain and behavior. Topics may include: neuroanatomy, electrochemical transmission, sites and mechanism of drug action, sensation and perception, motor systems, developmental processes, neuroendocrine systems, learning and memory, attention, emotion, executive function, neurodegenerative disease and the neurobiology of mental illness. Seminal experiments and recent discoveries within the field will be reviewed and discussed with a focus on how these findings impacted and continue to influence past and current theory.
- PSYC 241. Seminar in Cognitive Psychology. 3 Units**  
**Prerequisite(s):** Graduate standing  
 Provides a survey of topics in human information processing. Selected topics may include perception, attention, memory, knowledge, categorization, problem solving, reasoning, decision making, and language comprehension and production. Classical theories and experiments in these areas will be reviewed in addition to applications of this work to practical problems.
- PSYC 242. Seminar in Learning and Behavior. 3 Units**  
**Prerequisite(s):** Graduate standing  
 Surveys the area of Psychology concerned with how people and animals learn and how their behaviors are changed as a result of this learning. Selected topics include: Inmate behaviors, respondent and operant learning, behavioral economics, comparative cognition, theories of imitation, choice and self-control. Classical theories and current experiments in these areas will be reviewed in addition to implications of this work to practical problems.
- PSYC 251. Developmental Processes. 3 Units**  
**Prerequisite(s):** PSYC 148 or PSYC 149.  
 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.
- PSYC 260. Theoretical Foundations of Industrial Psychology. 3 Units**  
**Prerequisite(s):** PSYC 102 and PSYC 160 or their equivalents.  
 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.
- PSYC 262. Theoretical Foundations of Organizational Psychology. 3 Units**  
**Prerequisite(s):** PSYC 108 or equivalent.  
 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.
- PSYC 268. Advanced Psychopathology. 3 Units**  
 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.
- PSYC 271. Advanced Applied Behavior Analysis. 4 Units**  
**Prerequisite(s):** Graduate status and instructor permission.  
 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.
- PSYC 272. Research Methods in Behavior Analysis. 3 Units**  
**Prerequisite(s):** PSYC 171 or PSYC 181.  
 Covers methods related to single-case research (i.e., data collection, logic, designs). Course content is based primarily on contemporary books and articles from peer-review journals. Topics include: measurement of behavior, methods of assessing inter-rater agreement; experimental design including, reversal designs, changing-criterion designs, alternating treatment designs, and multiple-baseline designs; and displaying and interpreting behavioral data. Current methodological issues will be discussed.
- PSYC 274. Theoretical Foundations of Behavior Analysis. 3 Units**  
**Prerequisite(s):** PSYC171 or PSYC181 or equivalent.  
 Covers major theories that have made significant contributions to behavior analysis, along with areas of significant research providing the foundations of radical behaviorism and contemporary behavior analysis. Topics include history of behaviorism, selection by consequences as a casual mode, pragmatism, determinism, logical positivism, dualism x monism, verbal behavior and private events.
- PSYC 281. Advanced Experimental Analysis of Behavior. 4 Units**  
**Prerequisite(s):** PSYC 271.  
 Advanced consideration of small-N research designs. Analysis of complex contingencies of reinforcement and stimulus control as they apply to such topics as perceiving, thinking, abstractions, and concept formation. In-depth examination of behavior analytic principles in relation to choice behavior and verbal behavior.
- PSYC 283. Teaching Of Psychology. 3 Units**  
 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.
- PSYC 284. Assessment and Treatment of Behavior Problems. 4 Units**  
**Prerequisite(s):** Graduate status and instructor permission.  
 Advanced study and practical experience in application and teaching of behavior analytic methods of assessment, data collection, program construction and evaluation for a variety of behavior problems. Students will become proficient in conducting functional analyses, positive programming, and constructing and implementing behavior intervention programs for behavior excesses (consistent with State of California laws) including, antecedent manipulations, differential reinforcement schedules, functional communication training, and response cost. They will be required to develop didactic skills with respect to these various programs. Lecture three hours; Lab three hours.

**PSYC 291. Practicum in Behavior Analysis. 3 Units**

**Prerequisite(s):** PSYC 271.

Classroom and on-site experience in applied behavior analysis. Students will work at an approved agency for a minimum of 10 hours per week under the supervision of a Board Certified Behavior Analyst. Students will also meet in class to present and review their cases. Emphasis will be placed on treatment integrity and ethics.

**Note:** Requires permission of instructor. May be repeated for credit.

Credit/No Credit

**PSYC 294. Cooperative Research. 1 - 6 Units**

Students work cooperatively on a psychological research project under faculty supervision.

**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit.

**PSYC 295A. Fieldwork in the Teaching of Psychology. 1 - 6 Units**

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.

**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit.

Credit/No Credit

**PSYC 295C. Fieldwork in Personnel and Organizational Psychology. 1 - 6 Units**

Supervised work experience at a professional level in business and governmental organizations.

**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit.

Credit/No Credit

**PSYC 295G. Fieldwork. 1 - 6 Units**

Projects in contemporary areas of psychology under the supervision of one or more faculty.

**Note:** Requires permission of instructor and the Department Chair. May be repeated once for credit.

Credit/No Credit

**PSYC 299. Special Problems. 1 - 6 Units**

Individual projects or directed reading. Requires approval of instructor and Department Chair.

Credit/No Credit

**PSYC 500A. Culminating Experience. 4 Units**

**Prerequisite(s):** Advanced to candidacy and permission of the graduate coordinator.

Completion of a thesis or project approved for the Master's degree.

**PSYC 500B. Culminating Experience. 2 Units**

**Prerequisite(s):** PSYC 500A.

Continuation of work on thesis or project.