

Department of Psychology

Undergraduate Program  
Guide

2007/2008

Advising Office  
141 Young

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## INTRODUCTION

At UC Davis, the Psychology program has several objectives:

- it presents an introduction to the study of individual and group behavior;
- it provides a liberal arts curriculum for students looking for employment in business, government, personnel work, and other fields directly after obtaining their bachelor's degree; and
- it prepares students for graduate study in various areas of psychology, leading to teaching, research and applied work.

Students who have majored in psychology at UCD have selected many different careers after graduation. Psychology majors have gone into industry, teaching, sales, social work, counseling, medicine, the ministry, and nursing, to name a few.

## THE MAJOR

The psychology program at UCD is broad and includes students and faculty with a variety of interests. The department has developed five major areas of emphasis:

**Perception Cognitive Neuroscience Psychology**, which involves the study of awareness and thought, and includes such topics as perception, learning, memory, and consciousness; **Psychobiology**, which involves the study of the biological correlates of behavior and includes such topics as physiological psychology, sensory processes, health psychology, and animal behavior; **Social-Personality Psychology**, which involves the study of the individual in his or her social environment and includes such topics as personality theory, abnormal psychology, individual differences, developmental psychology, and social psychology; **Developmental**, which includes imaging the developing brain, children's psychological understanding or theory of mind (e.g., knowledge about people's thoughts, beliefs, desires, and emotions), children's language development, children's social development; and **Quantitative**, which includes experimental design and the analysis of variance, regression analysis, and multivariate analysis.

The department offers the Bachelor of Arts program for students interested in the liberal arts and the Bachelor of Science program geared for students with an interest in either biology or mathematics. The main objective of both programs is a broad introduction to the scope of contemporary psychology. In addition to completing a number of common core courses for their degree, students may take specialty courses on such far ranging topics as sex differences, genius and creativity, and environmental awareness.

The department strongly encourages students to become involved in individual research projects under the direction of faculty members and to participate in our internship program to broaden your experiences and understanding of the field of psychology.

## CHOOSING AREAS OF INTEREST

Starting with the premise that you have decided to major in psychology but have not yet sharpened your focus, a number of steps are available.

(1) To obtain career information, a first step is to attend one or more workshops which are offered by the Internships and Career Center, South Hall. They will help you become aware of resources (such as the Strong-Campbell Interest Inventory) which can help you choose a career which is compatible with your interests and skills.

(2) If you already know your interests and want to develop them further you can: (a) look at the posted faculty research interest information (next to 135 Young) and stop in to see faculty during their office hours; (b) try different psychology courses that are interesting to you; or (c) scan the psychological abstracts to find pertinent research, researchers, and journals.

(3) If you know what area of psychology interests you, but you are uncertain as to career options, go to the Internship and Career Center, first floor, South Hall. Ask the intake adviser to direct you to the *Career Resources Library* and to a professional staff adviser who can give you current career information and contacts. The library contains numerous listings of job descriptions for which a background in a particular field of study may be required or preferred. You can also look in the employer literature section, arranged alphabetically, for company information and addresses. It is useful to consult an adviser who can help you use the library and direct you to other sources of information. Ask the intake adviser to recommend an adviser who is informed about your area of interest and make an appointment in advance.

(4) A further step toward preparing for a career is to enroll in Internship and Career workshops offered each quarter. Sessions include: a) Internship Information Workshops, b) Careers, c) Company Information Meetings, d) Basic Steps to Finding a Job, e) Resume Writing, f) Interviewing Techniques, g) Corporate Culture, h) Writing a Curriculum Vitae, i) Interviewing for Faculty Positions, j) SIGI computerized Guidance System, k) Using Shields Library for your career planning and job search. Pick up a copy of *Working Times* at the beginning of each quarter for listings of workshops and seminars, information on internships, and recruiting company listings with schedules for on-campus recruiting and l) Go to a career fair, introduce yourself and hand-out resumes to companies.

## GETTING TO KNOW YOUR PROFESSORS AND FELLOW STUDENTS

Whether you decide to gain research experience, apply to graduate school, enroll in a graduate seminar, or apply for a psychology-related job, you will be asked to provide the names of faculty members who can evaluate your abilities and performance.

**FIND A SPONSOR.** It is very important to become acquainted with a professor who can support you in your endeavors. The following steps will not only help you to become better acquainted with the faculty but will better acquaint you with the Psychology Department as a whole and perhaps help you to clarify your own interests in the field.

(1) Talk with our peer advisors in Young Hall or talk with a staff advisor in 141 Young about areas of interests of the faculty or about the psychology major in general.

(2) Take advantage of professors' office hours. If you can't think of anything about yourself or the class to discuss, ask about the professor's research.

(3) Ask a professor to sponsor your individual study project. If you choose to study an area of psychology through practical experience you can receive Psychology 99 or 199 credit of up to 5 units per quarter (each unit is considered to be the equivalent of three hours of work per week). This experience may be obtained by either working on the professor's research project or by conducting your own project.

(4) Take a professor out to lunch or dinner. Use the Dean Witter Fund to become better acquainted with your professor. If you feel uncomfortable about approaching a professor

with an invitation, bring along a friend. For more information about obtaining money for this purpose call the Student Housing Office at 752-2033.

(5) Become an active member of the Undergraduate Psychology Club. The Undergraduate Psychology Club is a student organization whose goals include facilitating student-student and student-faculty interaction, providing a forum for student ideas, and promoting intellectual development. The club is open to all psychology majors and minors. Members are responsible for organizing informal pot-lucks and informational colloquia. Look for the posted announcement of the next meeting across the hall from Room 169, or talk to our peer advisor for more information.

(6) Consider applying for Psi Chi membership. Our Psi Chi chapter of the national Psychology honor society holds membership drives in fall and spring quarters. A 3.20 upper division major GPA (minimum of 14 units) and a 3.20 overall college (UC) GPA is required. Declared majors and minors may apply. Psi Chi sponsors speaker programs which offer students the opportunity to discuss areas of research interest with faculty.

(7) Participate in the annual Psychology Department Research Conference at the end of spring quarter. With faculty sponsorship you are invited to present your work in a talk or poster. See the peer advisor for more information.

### **DID YOU KNOW THAT....?**

-you can go to SisWeb at <http://sisweb.ucdavis.edu> to register for courses and check your record. Report any errors immediately to the Registrar's office.

-you can obtain a notation on your transcript indicating the location of your internship. See your internship advisor at the Advising Services, South Hall.

-you can reserve your own study carrel in Shields Library at the beginning of each quarter. Apply at the Library Loan Desk. Also, sign up for your personal e-mail account and computer account at I.T. Express at the copy services desk on the first floor.

-there are computers available for your use throughout the campus in designated computer laboratories.

-you can pick up a list of 2 and 3 unit classes, with no prerequisites, for each quarter at the First Resort, located on the first floor of South Hall.

-you should check the Final Examination Schedule in the *Class Schedule and Directory* at the beginning of the quarter in order to avoid a course list which will result in back-to-back final exams or more than two finals on the same day.

-the Psychology Department frequently offers colloquia which provide the opportunity to hear graduate students, faculty, and visiting faculty speak on a variety of topics. Check the bulletin board next to room 166 Young for flier notices.

-to receive an undergraduate degree, you must file a Graduation Application with the Registrar (Mrak Hall) on the Web at [http://registrar.ucdavis.edu/html/office\\_of\\_the\\_registrar\\_forms.html](http://registrar.ucdavis.edu/html/office_of_the_registrar_forms.html) The dates for filing are published in the *General Catalog* and in the *Class Schedule and Room Directory*.

-courses in which a D+, D, D-, F, or N/P grade are received can be repeated. The original grade remains on the transcript, but only the new grade will figure in the GPA for the first 16 units repeated.

For more information consult the *UCD GENERAL CATALOG, CLASS SCHEDULE AND ROOM DIRECTORY*, and *PEOPLE AND PLACES*. These publications are valuable guides to understanding academic requirements and to numerous supportive student services and groups. These publications can be obtained at the UCD Bookstore.

And lastly — remember, though university staff are here to assist you, **YOU ARE PERSONALLY RESPONSIBLE FOR FULFILLING ALL MAJOR AND COLLEGE REQUIREMENTS.**

Make it a point to acquaint yourself with the regulations set out in the *General Catalog*. Do stop by 141 Young Hall, the Psychology advising office, anytime you have a question, want your record checked, or just want to say hello!

## EMPLOYMENT OPPORTUNITIES FOR THE PSYCHOLOGY GRADUATE

If you are interested in employment related to psychology, but do not intend to pursue a graduate degree, you may want to consider the following:

**Community Relations Officer:** works either for business or government in promoting good relations with the local community.

**Counselor:** there are a few entry-level “counselor” positions available in social work; social service and mental health agencies for students with a bachelor’s degree. Most such positions, however, require graduate training.

**Human Resources:** work with recruitment and equal opportunities for women and minorities; employed by business, industries, schools, and government.

**Recreation Worker:** plans and supervises community recreation facilities.

**Advertising Copywriter:** researches audience and media, writes text for advertisements.

**Health Educator:** gives public information about health and disease.

**Psychiatric Assistant:** administers routine tests, helps with patients under supervision of psychiatrist.

**Director of Volunteer Service:** responsible for volunteers—recruits, supervises, trains, and evaluates volunteers.

**Customs Inspector:** serves at international borders and airports in investigations and inquiries.

**Probation and Parole Officer:** psychology background often preferred for such positions, especially with adolescent parolees.

**Technical Writer:** researches and writes material dealing with social science issues for magazines, newspapers and journals.

**Sales Representative:** major publishers of psychology books and manufacturers of psychological equipment often seek psychology majors for sales representatives.

**Opinion Survey Researchers:** helps conduct opinion polls.

**Laboratory Assistant:** helps conduct behavioral research in university or industrial settings.

**State Government:** [http://www.ca.gov/state/portal/myca\\_homepage.jsp](http://www.ca.gov/state/portal/myca_homepage.jsp)

Employment opportunities for psychology graduates will vary from state to state.

Education, experience, and examination performance will determine merit ratings for state jobs. For information concerning opportunities in California contact:

State Personnel Office  
Recruitment Supervisor  
State Personnel Board  
801 Capitol Mall  
Sacramento, CA 95814

**Federal Government:** <http://www.fedworld.gov/>

There are extensive opportunities at the federal government level as well. For information

contact:

Federal Job Information Center  
Federal Building  
650 Capitol Mall  
Sacramento, CA 95814

## SPECIALIZATION REQUIRING GRADUATE TRAINING\*

These areas overlap with one another to varying degrees, and within these broad categories are subcategories of specialization. Your possession of an A.B. or B.S. is not sufficient to enter any of these occupations. You must first obtain specialized professional training in a graduate program.

**Clinical Psychologist:** specialize in the assessment and treatment of persons suffering from emotional or adjustment problems; knowledgeable about the psychology of personality, psychopathology, and psychometrics.

**Comparative Psychologist:** primarily concerned with the comparison of the behavior of different species; knowledgeable about evolutionary and genetic determinants of behavior.

**Developmental Psychologist:** describe and explain the systematic changes in an individual's behavior that occur throughout life.

**Educational Psychologist:** concerned with individual differences, learning, motivation, personality, group behavior, and other factors which affect childrens' interactions with their educational environments.

**Engineering (human factors) Psychologist:** designs and improves the procedures, equipment, and settings involved in work.

**Environmental Psychologist:** studies the interaction between people and manmade environments.

**Experimental Psychologist:** any psychologist who uses experimental techniques; that is, research procedures involving manipulation and control. Generally referred to by specific area of interest such as learning psychologist, perception psychologist, psycholinguist, social psychologist, etc.

**Forensic Psychologist:** applies psychological principles to legal issues. Their expertise is often essential in court.

**Health Psychologist:** interested in how biological, psychological, and social factors affect health and illness. They identify the kinds of medical treatment people seek and get; how patients handle illness; why some people don't follow medical advice; and the most effective ways to control pain or to change poor health habits.

**Industrial/Organizational Psychologist:** applies psychological principles and research methods to the work place in the interest of improving productivity and quality of work life. Many serve as human resources specialists, helping organizations with staffing, training, and employee development and management in such areas as strategic planning, quality management, and coping with organizational change.

**Mathematical psychology:** involves the development of mathematical models and explanations of psychological processes.

**Neuropsychologist:** explores the relationships between brain systems and behavior.

**Personality Psychologist:** involves research and theory which accounts for the individual's wholeness, consistency, and uniqueness. Psychopathology or Abnormal Psychology are closely related fields which are concerned with personal and social adjustment and the conditions that promote effective personalities.

**Physiological Psychologist:** studies the biological and physiological processes that underlie behavior and experience. Areas of concern include the neural mechanisms of learning and memory, sleep, and emotional behavior.

**Psychiatrist:** a physician (MD) who has undergone a three to five year residency which involves specialized training in the diagnosis and treatment of emotional and behavioral disorders.

**Psychoanalyst:** a psychiatrist with additional training in the theory and personality and method of treatment originated by Sigmund Freud.

**Psychometric (Quantitative) Psychologist:** typically well trained in mathematics, statistics, and the use of computers. The psychometrist is interested in the quantitative measurement of human abilities, interests, and personality.

**Rehabilitation Psychologist:** works with stroke and accident victims, people with mental retardation, and those with developmental disabilities caused by such conditions as cerebral palsy, epilepsy, and autism.

**School Psychologist:** works closely with educational institutions to develop special educational programs, improve teaching effectiveness and in general facilitate the intellectual, social, and emotional development of children.

**Social Psychologist:** typically studies areas which integrate the psychologist's traditional emphasis on the individual with the sociologist's traditional emphasis on the group. Generally ask questions about the individual, groups, and the interrelationships among individuals and groups.

**Sports Psychologist:** helps athletes refine their focus on competition goals, become more motivated, and learn to deal with the anxiety and fear of failure that often accompany competition. The field is growing as sports of all kinds become more and more competitive and attract younger children than ever.

\*Information taken from APA publication: *Careers for the Twenty-First Century*, 1996.

## **PSYCHOLOGY DEPARTMENT UNDERGRADUATE FACULTY ADVISORS**

Karen Bales, Ph.D., University of Maryland, 2000  
Comparative neurobiology of monogamy

Shelley Blozis, Ph.D., University of Minnesota, Twin Cities, 1998  
Mixed-effects models, structured latent curve models, factor analysis, and analysis of longitudinal data.

John P. Capitanio, Ph.D., University of California, Davis, 1982  
Psychoneuroimmunology; primate social relationships

Cameron Carter, M.D., University of Western Australia School of Medicine  
Mechanisms of attention and memory, and on the pathophysiological processes underlying clinical disorders that involve these cognitive systems

Richard G. Coss, Ph.D., University of Reading, 1973  
Developmental psychobiology; environmental psychology

Robert A. Emmons, Ph.D., University of Illinois, 1986  
Personality and religion, goals and motivation, gratitude and well-being

Emilio Ferrer-Caja, Ph.D., University of Virginia, 2002  
Longitudinal data analysis techniques, conceptualizing developmental processes, motivational development

Gail S. Goodman, Ph.D., University of California, Los Angeles, 1977  
Memory development, children's testimony and child abuse

Katherine Graf Estes Ph.D. University of Wisconsin-Madison 2007  
Investigation of how infants learn from statistical regularities in the language they hear and the nature of what they learn

Kevin Grimm, Ph.D., University of Virginia in 2006  
Multivariate methods for the analysis of change and cognitive/achievement development

Gregory Herek, Ph.D., University of California, Davis, 1983  
Stigma and prejudice; lesbian/gay and sexual minority issues; AIDS stigma; antigay violence

Petr Janata, Ph.D., University of Oregon, 1996  
Perception, attention, memory, action and emotion interact in the context of natural behaviors, with an emphasis on music

Joel T. Johnson, Ph.D., Harvard University, 1981  
Social cognition, causal and legal reasoning

Leah A. Krubitzer, Ph.D., Vanderbilt University, 1989  
Evolutionary neurobiology

Kristin Lagattuta Ph.D., University of Michigan, 1999  
Children's knowledge about thinking and emotion, early psychological understanding

Debra A. Long, Ph.D., Memphis State University, 1989  
Language processing and reading ability

Steven Luck, Ph.D. University of California, San Diego, 1993  
visual working memory, dysfunctions of attention, neurological disorders

Ron Mangun, Ph.D., University of California, San Diego, 1987  
Cognitive neuroscience of attention and awareness

Lisa Oakes, Ph.D. University of Texas, Austin, 1991  
Child development, infant cognition

Donald H. Owings, Ph.D., University of Washington, 1972  
Animal behavior; communication, antipredator behavior

Cynthia Pickett, Ph.D., Ohio State University, 1999  
Self and social identity, social cognition social exclusion

Robert B. Post, Ph.D., Pennsylvania State University, 1982  
Sensation and perception, visual attention, spatial orientation and motion perception

Charan Ranganath, Ph.D., Northwestern University, Evanston, 1999  
Neurocognitive structure of human memory

Susan Rivera, Ph.D., University of California, Berkeley, 1998  
Development of symbolic representation; developmental neuroscience; neurodevelopmental disorders

Richard W. Robins, Ph.D., University of California, Berkeley, 1995  
Personality and self esteem development, self and emotion, interpersonal perception

Jeffrey C. Schank, Ph.D., University of Chicago, 1991  
Mathematical modeling of social and physiological processes

Joanna Scheib, Ph.D., McMaster University, 1996  
Mate choice and reproductive relationships, evolutionary psychology

Phillip R. Shaver, Ph.D., Univerisity of Michigan, 1970  
Close relationships, attachment theory and emotion

Jeffrey Sherman, Ph.D., Univeristy of California, Santa Barbara, 1994  
Social cognition, sterotyping and prejudice, impression formation, self-perception

Dean Keith Simonton, Ph.D., Harvard University, 1975  
Genius, creativity, leadership, talent, esthetics, historiometrics

Stanley Sue, Ph.D., University of California, Los Angeles, 1971  
Cross-cultural and ethnic psychology, community psychology

Tamara Swaab, Ph.D., University of Nijmegen and Max Planck Institute for Psycholinguistics, The Netherlands, 1994  
Cognitive and neural architectures of normal language comprehension

Ross Thompson, Ph.D., Psychology, University of Michigan, 1981  
Early social and personality development

Matthew J. Traxler, Ph.D., University of Oregon, 1993  
Memory, cognitive processes, semantic processing, syntactic parsing

David Whitney, Ph.D., Harvard University, 2001  
Visual system's ability to consistently and accurately localize objects despite constant eye and object motion

Keith Widaman, Ph.D., Ohio State University, 1982  
Cognitive processing models for human abilities, structure and development of mental abilities

Andrew P. Yonelinas, Ph.D., McMaster University, 1995  
Human memory

Nolan Zane, Ph.D., University of Washington, 1987  
Treatment processes and outcomes, ethnic minority psychology, addictive behaviors

## IMPORTANT INFORMATION FOR MAJORS

### Effective Fall 2007

New courses Psc 161 – Psychology of Self

### Effective Fall 2006

New courses: Psc 136 - Psychology of Music, Psc 148 – Developmental Disorders, Psc 152 – Social Cognition

### Effective Fall 2004

#### Catalog change in lower division requirements for Bachelor's of Science, Biological emphasis and Bachelor's of Science, Math emphasis

Bachelor's of Science, Biological emphasis - Physics 7A or 9A or 10 will be required

Bachelor's of Science, Math emphasis - ECS 10 or 30 and Physics 7A or 9A or 10 will be required

### Effective Fall 2003

Psychology 41 includes an auto tutorial lab on the Web.

## PSYCHOLOGY COURSES

### QUANTITATIVE (103A-109)

Statistical Analysis of Psychological Data	103A
Statistical Analysis of Psychological Data	103B
Statistical Inference	104
Interactive Computer Programming For Psychological Experiments	109

### PSYCHOBIOLOGY (110-129)

Intro to Psychobiology	101
Developmental Psychobiology	113
Physiological	121
(change lab to 3 hours)	
Adv. Animal Behavior	122**
(change lab to 3 hours)	
Hormones & Behavior	123**
Comparative Neuroanatomy	124**
Health	126
Animal Cognition	127
Infor. Processing Models in Neuroscience & Psych	128**
Sensory Processes	129

**\*\*cross-listed with NPB**

**PERCEPTION-COGNITION (130-139)**

Intro to Perception-Cognition	100
Human Learning & Memory	130
Perception	131
Language & Cognition	132
Cognitive Neuroscience	135

**DEVELOPMENTAL (140-149)**

Developmental Psychology	140
Cognitive Development	141
cross listed with HDE 101	
Social and Personality Development	142
cross listed with HDE 102	

**SOCIAL/PERSONALITY (150-179)**

Social	151
Social Cognition	152
Psychology and Law	153
Psychology of Emotion	154
Environmental Awareness	155
Sexual Orientation & Prejudice	158
Gender & Human Reproduction	159
Psychology of Self	161
Personality	162
Clinical	165
Abnormal	168
Psychology of Religion	170
Genius, Creativity, & Leadership	175

**Not in an area**

History of Psychology	185
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**ELECTIVE COURSES**

103A Statistical Analysis of Psychological Data (5)	
103B Statistical Analysis of Psychological Data (4)	
104 Applied Psychometrics (4)	
120 Agent-Based Modeling (4)	
124 Comparative Neuroanatomy (4)	
128 Information Processing Models in Neuroscience & Psychology	
136 Psychology of Music	
146 Development of Memory	
148 Developmental Disorders	
153 Psychology & Law	
155 Environmental Awareness (4)	
158 Sexual Orientation and Prejudice (4)	
159 Gender & Human Reproduction (4)	
165 Introduction to Clinical Psychology(4)	
170 Psychology of Religious Experience (4)	
175 Genius & Creativity (4)	
180A Research in Cognitive & Perceptual Psychology (4)	
180B Research in Psychobiology (4)	
180C Research in Personality & Social Psychology (4)	
185 History of Psychology (4)	
190 Seminar in Psychology (4)	
192 Fieldwork in Psychology(1-6)	

194HA-194HB Special Study for Honors Students(3-3)  
197T Tutoring in Psychology  
198 Directed Group Study  
199 Special Study for Advanced  
Undergraduates

**Human Development Courses**

100A Infancy & Early Childhood = Psc 140  
100B Middle Childhood & Adolescence = Psc 140  
100C Adulthood & Aging = Psc elect  
101 Cognitive Development = Psc 141  
102 Social & Personality Development = Psc 142  
120 Research Methods in Hum Dev = Psc 103A  
121 Psychological Assessment = Psc elective

**PSYCHOLOGY MAJOR - UC DAVIS  
BACHELOR OF ARTS**

**REQUIREMENTS FOR DECLARING MAJOR:** Completion of lower division courses with a combined GPA of **2.50** (all courses must be taken for a letter grade). A 2.00 GPA is required in upper division Psychology and overall UCD course work.

**LOWER DIVISION**

Psychology 1(4)	Biological Sciences 1A(5)
Statistics 13(4) <b>or</b> 102(4)	<b>or</b>
Psychology 41(4)	Biological Sciences 10(4) and one of the following: ANT 1(4), MCB 10(4), NPB 10(4)
Sociology <b>or</b> Cultural Anthropology (minimum of 4 units)	

**UPPER DIVISION**

Forty (40) upper division units; including 6 core group courses, 2 from two of the four areas and 1 from each of the remaining two core groups. A balance of 16 units can be taken from other core or elective upper division Psychology courses, excluding Psychology 197T. A maximum of 4 units of 192 can be used toward the 40 unit requirement.

<b>Core Group A Perception/Cognition Neuroscience</b>	<b>Core Group B Psychobiology</b>	<b>Core Group C Social/Personality</b>
100 (4) <i>Prereq for Grp A</i>	101 (4) <i>Prereq for Grp B</i>	151 (4)
130 (4)	113 (4)	152 (4)
131 (4) Psc 100 not required	121 (4)	154 (4)
132 (4)	122 (4)	161 (4)
135 (4)	123 (3)	162 (4)
	126 (4)	168 (4)
	127 (4)	
	129 (4)	

<b>Core Group D Developmental</b>
140 (4)** <i>Prereq. for Grp D or HDE 100A or HDE 100B</i>
141 (4) <b>or</b> HDE 101
142 (4) <b>or</b> HDE 102

**Elective Courses**

103A (5)	148 (4)	180ABC (4)
103B (4)	153 (4)	185 (4)
104 (4)	155 (4)	190 (4)
109 (4)	158 (4)	192 (1-6)**
120 (4)	159 (4)	194HA/HB (3)
124 (4)	165 (4)	197T (1-3)***
128 (4)	170 (4)	198 (1-5)
136 (4)	175 (4)	199 (1-5)
146 (4)		

\* 2 units credit for Psc 140 (112) if HD 100A or B previously completed.

\*\* Maximum of 4 units can be used towards upper division major requirement (192 has a 12-unit college maximum).

\*\*\* Does not count toward upper division major units.

It is strongly recommended that course 41 and Statistics 13 be completed prior to enrolling in upper division courses. Psychology 103 A and 103B are strongly recommended for students who plan to do graduate work in any area of Psychology. Refer to the *General Catalog* for more information on major requirements and our High/Highest Honors program.

*Human Development units which may be counted toward the 40 unit upper division major requirement: HD 100A, B, C; 101; 102; 120; 121 (12 unit maximum).*

**BACHELOR OF ARTS  
GRADUATION ESSENTIALS COLLEGE OF LETTERS & SCIENCE - UC DAVIS**

**UNIT REQUIREMENTS**

Minimum 180  
Maximum (limit is 225)  
UPPER DIVISION (courses 100-199) 64

**GENERAL EDUCATION** (use current catalog to select courses)

Refer to the *General Catalog* for specific requirements

**AREA REQUIREMENTS** (use current catalog to select courses)

Satisfaction of General Education requirements and  
Satisfaction of one of the following:  
completion of a certified minor  
completion of 3 additional approved L&S upper division courses in a single L&S department/program outside  
Psychology (courses not being used for the major).  
completion of a minimum of 3 approved lower/upper division courses in Art, Music, or Dramatic Art

**ENGLISH COMPOSITION REQUIREMENT**

The English Composition requirement can be met in one of two ways:

1. by passing the English Composition Examination upon completion of 70 units of degree credit (the examination does not yield credit);

**OR**

2. by completing with a grade of C- (or P) or better

(a) One course from English 3, Comparative Literature 1, 2, 3, 4, Native American Studies 5, or University Writing Program 1, 18, 19; and

(b) One course from University Writing Program 101, 102A, 102B, 102C, 102D, 102E, 102F, 102G, 104A, 104B, 104C, 104D, 104E, or 104F (which must be taken after 84 units have been completed).

**FOREIGN LANGUAGE REQUIREMENT**

15 unit level in ONE language

**UNIT RESTRICTIONS**

Transfer units from community college and Advanced Placement units: 105 maximum  
P/NP graded units at UCD: 1/3 of UCD units maximum  
Student option P/NP graded units: 1/4 of UCD units maximum  
Physical Education 1 and PE 6 combined: 6 units maximum 30 unit maximum, or 1/6 total UCD units, whichever is less, in the following courses:  
COMBINED: 92/192; 97T/197T; 194H;  
99/199. ADDITIONALLY:  
12 unit maximum for 92/192  
10 unit maximum for 97T/197T  
5 unit maximum per quarter for 99/194H/199 courses  
Must have completed 84 units prior to taking 192/194H/199

**RESIDENCE**

Registration in the University of California - 3 quarters  
Upper division units completed at UCD.....27 Units  
Upper division units completed for major at UCD.....18 Units

**Senior Residence at UCD**

Of your last 45 units, 35 must be completed at UCD (University Extension units not applicable)

**Scholarship Requirements**

For all UC course work ..... 2.00  
For all courses required for major program .....2.00  
For all upper division courses required for major program .....2.00

**NOTE:** The above information on College of Letters & Science requirements is in summary form. Refer to the *General Catalog* for more detailed information.

**PSYCHOLOGY MAJOR - UC DAVIS  
BACHELOR OF SCIENCE, BIOLOGY**

**REQUIREMENTS FOR DECLARING MAJOR:**

Completion of the following courses with a combined GPA of **2.50** (all courses must be taken for a letter grade) Psychology 1; 41; Statistics 13 or 102; Sociology/Cultural Anthropology; Biological Sciences 1A. A 2.00 GPA is required in upper division Psychology and overall UCD course work.

**LOWER DIVISION**

Psychology 1(4)	Chemistry 2A(5)* & 2B(5)*
Statistics 13(4)* or 102(4)*	Chemistry 8A & 8B(2-4)*, or Chemistry 118A & 118B(4-4)*, or Chemistry 128A & B(3-3)*
Psychology 41(4)*	Bio Sci 1A & Bio Sci 1B (5-5)*
Sociology or Cultural Anthropology (minimum of 4 units)	Physics 7A & 7B(4)* or 10 (4)*
Math 16A(3)* or 21A(4)* Math 16B(3)* or 21B(4)*	

**UPPER DIVISION PSYCHOLOGY COURSES**

Forty (40) upper division Psychology units, including 7 core group courses from the following; including 2 from Group A, 3 from Group B, 1 from Group C, and 1 from Group D. Balance of 40 units can be taken from other core or elective upper division Psychology courses, excluding Psychology 197 T. A maximum of 4 units of 192 can be used toward the 40 unit requirement.

<b>Core Group A Perception/Cognition Neuroscience</b>	<b>Core Group B Psychobiology</b>	<b>Core Group C Social/Personality</b>
100 (4) <i>Prereq for Grp A</i>	101 (4) <i>Prereq for Grp B</i>	151 (4)
130 (4)	113 (4)	152 (4)
131 (4) Psc 100 is not required	121 (4)	154 (4)
132 (4)	122 (4)	161 (4)
135 (4)	123 (3)	162 (4)
	126 (4)	168 (4)
	127 (4)	
	129 (4)	

<b>Core Group D Developmental</b>
140 (4)** <i>Prereq. for Grp D or HDE 100A or HDE 100B</i>
141 (4) or HDE 101
142 (4) or HDE 102

**UPPER DIVISION EMPHASIS**

Biological Sciences 101(4)*
Neurobiology, Physiology & Behavior 101(5)*

\* *College of Letters & Science natural science/mathematics area credit.*

\*\* *2 units credit for Psc 140 (112) if HD 100A or 100B previously completed. No units credit for Psc 142 (114) if HD 102 previously completed*

**NOTE:** Psychology 41 is a prerequisite for most upper division courses. Psychology 41 or Statistics 13 or 102 should be completed in the first year. Students who plan to do graduate work in any area of psychology are strongly encouraged to complete Statistics 13 and Psychology 103A & 103B, or Statistics 13 and Statistics 102. Evolution & Ecology 100 or 101 is recommended for breadth coverage. Refer to the General Catalog for more information on major requirements and a description of our High/Highest Honors program. *Human Development units which may be counted toward the 40 unit upper division major requirement: HD 100A, B, C; 101; 102; 120; 121 (12 unit maximum).*

## PSYCHOLOGY MAJOR - UC DAVIS BACHELOR OF SCIENCE, MATH

### REQUIREMENTS FOR DECLARING MAJOR:

Completion of the following courses with a combined GPA of **2.50** (all courses must be taken for a letter grade): Psychology 1; 41; Statistics 13 or 102; Sociology/Cultural Anthropology; Biological Sciences 1A **or** Biological Sciences 10 and one of the following: Anthropology 1, Molecular & Cellular Biology 10, or Neurobiology, Physiology & Behavior 10. A 2.00 GPA is required in upper division Psychology and overall UCD course work.

### LOWER DIVISION

Psychology 1(4)	Math 21A (4)*, & Math 21B (4)*, & Math 21C (4)*
Statistics 13(4)* or 102(4)*	Chemistry 10(4)* <b>or</b> Chemistry 2A(5)* & 2B(5) <b>or</b> Chemistry 2AH(5)* & 2BH(5)*
Psychology 41(4)*	Physics 7A (4)* & 7B(4)*, <b>or</b> 10 (4)*
Biological Sciences 1A(5)* <b>or</b> Biological Sciences 10(4)* & one of the following: ANT 1(4)*, MCB 10(4)*, NPB 10(4)*	ECS 10 (4)* <b>or</b> ECS 30 (4)*
Sociology <b>or</b> Cultural Anthropology (min. of 4 units)	

### UPPER DIVISION PSYCHOLOGY COURSES

Forty (40) upper division Psychology units, including 5 core group courses from the following, including 2 from Group A, 2 from Group B, 1 from either Group C or Group D and completion of Psychology 103A, and 103B or 104. Balance of 40 units can be taken from other core or elective upper division Psychology courses, excluding Psychology 197T. A maximum of 4 units of 192 can be used toward the 40 unit requirement.

103A (5)*
103B (4)* or 104 (4)

Core Group A Perception/Cognition Neuroscience	Core Group B Psychobiology	Core Group C Social/Personality
100 (4) <i>Prereq for Grp A</i>	101 (4) <i>Prereq for Grp B</i>	151 (4)
130 (4)	113 (4)	152 (4)
131 (4) Psc 100 is not required	121 (4)	154 (4)
132 (4)	122 (4)	161 (4)
135 (4)	123 (3)	162 (4)
	126 (4)	168 (4)
	127 (4)	
	129 (4)	

Core Group D Developmental
140 (4)** <i>Prereq for Grp D or HDE 100A or HDE 100B</i>
141 (4) <b>or</b> HDE 101
142 (4) <b>or</b> HDE 102

### UPPER DIVISION EMPHASIS

Statistics 106 (4)* & 108 (4)*
Statistics 130A (4)* & 130B(4)*
Statistics 131A (4)* & 131B (4)*

\* *College of Letters & Science natural science/mathematics area credit.*

\*\* *2 units credit for Psc 140 (112) if HD 100A or 100B previously completed. No units credit for Psc 142 (114) if HD 102 previously completed*

**NOTE:** Psychology 41 is a prerequisite for most upper division courses. Psychology 41 or Statistics 13, or 102 should be completed in the first year. Students who plan to do graduate work in any area of psychology are strongly encouraged to complete Statistics 13 and Psychology 103A, 103B, or Statistics 13 and Statistics 102. Evolution & Ecology 100 or 101 is recommended for breadth coverage. Refer to the General Catalog for more information on major requirements and a description of our High/Highest Honors program. *Human Development units which may be counted toward the 40 unit upper division major requirement: HD 100A, B, C; 101; 102; 120; 121 (12 unit maximum).*

**GRADUATION ESSENTIALS  
COLLEGE OF LETTERS & SCIENCE - UC DAVIS  
BACHELOR OF SCIENCE**

**UNIT REQUIREMENTS**

Minimum 180  
Maximum (limit 225)  
UPPER DIVISION (courses 100-199) 64

**GENERAL EDUCATION** (use current catalog to select courses)

Refer to the General Catalog for specific requirements

**AREA REQUIREMENTS** (use current catalog to select courses)

Satisfaction of General Education requirements  
Natural Science/Mathematics 90 units

**ENGLISH COMPOSITION REQUIREMENT**

The English Composition requirement can be met in one of two ways:

1. by passing the English Composition Examination upon completion of 70 units of degree credit (the examination does not yield credit);

**OR**

2. by completing with a grade of C- (or P) or better

(a) One course from English 3, Comparative Literature 1, 2, 3, 4, Native American Studies 5, or University Writing Program 1, 18, 19; and

(b) One course from University Writing Program 101, 102A, 102B, 102C, 102D, 102E, 102F, 102G, 104A, 104B, 104C, 104D, 104E, or 104F (which must be taken after 84 units have been completed).

**UNIT RESTRICTIONS**

Transfer units from community college and Advanced Placement units: 105 maximum

P/NP graded units at UCD: 1/3 of UCD units maximum

Student option P/NP graded units: 1/4 of UCD units maximum

Physical Education 1 and PE 6 combined: 6 units maximum

30 unit maximum, or 1/6 total UCD units, whichever is less, in the following courses:

COMBINED: 92/192; 97T/197T; 194H; 99/199. ADDITIONALLY:

12 unit maximum for 92/192

10 unit maximum for 97T/197T

5 unit maximum per quarter for 99/194H/199 courses

Must have completed 84 units prior to taking 192/194H/199

**RESIDENCE**

Registration in the University of California - 3 quarters

Upper division units completed at UCD ..... 27 units

Upper division units completed for major at UCD .....18 units

**Senior Residence at UCD**

Of your last 45 units, 35 must be completed at UCD (University Extension units not applicable)

Scholarship Requirements

For all UC course work ..... 2.00

For all courses required for major program ..... 2.00

For all upper division courses required for major program ..... 2.00

NOTE: The above information on College of Letters & Science requirements is in summary form. Refer to the *General Catalog* for more detailed information.

## SHALL I CHOOSE THE A.B. OR B.S. PROGRAM IN PSYCHOLOGY?

The Psychology Department offers both the Bachelor of Arts and Bachelor of Science degrees.

The differences between the A.B. and B.S. degrees are:

(1) The B.S. degree requires a total of 90 units in natural science/mathematics; the A.B. degree has no natural science/math requirement. However, the A.B. degree requires a minor, mini minor or 3 upper or lower division courses in Art, Music and/or Drama (see Area Requirements List under "College of Letters and Science" in the *General Catalog*).

(2) The A.B. degree requires the 15 unit level or the equivalent in one foreign language; the B.S. has no foreign language requirement.

Graduate and professional schools in general are not concerned with the kind of degree you possess but rather with the courses you have taken. Generally graduate programs check your grade point average (GPA), statement of purpose, letters of recommendation and GRE test scores. If your interest in math or the natural sciences is high, you may prefer to go the B.S. route. The A.B. degree may be attractive to students interested in earning a minor or perhaps pursuing a double major, and for students who desire a greater range of elective courses outside of the natural sciences.

The B.S. and A.B. degrees are equally acceptable for students interested in Psychology graduate school and medical school (check with the pre-med adviser in Advising Services, South Hall, for details). The important point is to determine what courses would best prepare you for the programs to which you may be applying. For guidance, see a faculty member in your area of interest and check course requirements in graduate program brochures. *Applying to Graduate School Guide* brochure, available outside the Psychology academic advising office, is an excellent resource for information on graduate school course requirements or check the Web at <http://www.gradschools.com>.

## PSYCHOLOGY MINOR

For a student to elect a Psychology minor and have it certified on his/her final transcript, the minor must be declared by the 10th day of instruction of the quarter of graduation (refer to "Schedule and Directory" for deadline date). Students may obtain the form for declaring a minor at their respective college Dean's office.

### COURSE REQUIREMENTS:

Psychology 1 and completion of 20 upper division Psychology units, including at least one from each of the areas plus 4 units of electives. 199 units may also be included as part of the 20-unit requirement. You must have a combined grade point average of **2.0** in all courses required for the minor.

<b>Core Group A Perception/Cognition Neuroscience</b>	<b>Core Group B Psychobiology</b>	<b>Core Group C Social/Personality</b>
100 (4) <i>Prereq for Grp A</i>	101 (4) <i>Prereq for Grp B</i>	151 (4)
130 (4)	113 (4)	152 (4)
131 (4)	121 (4)	154 (4)
132 (4)	122 (4)	161 (4)
135 (4)	123 (3)	162 (4)
	126 (4)	168 (4)
	127 (4)	
	129 (4)	

<b>Core Group D Developmental</b>
140 (4)** <i>Prereq. for Grp D or HDE 100A or HDE 100B</i>
141 (4) <b>or</b> HDE 101
142 (4) <b>or</b> HDE 102

### Elective Courses

103A (5)	148 (4)	180ABC (4)
103B (4)	153 (4)	185 (4)
104 (4)	155 (4)	190 (4)
109 (4)	158 (4)	192 (1-6**)
120 (4)	159 (4)	194HA/HB (3)
124 (4)	165 (4)	197T (1-3)***
128 (4)	170 (4)	198 (1-5)
136 (4)	175 (4)	199 (1-5)
146 (4)		

\*2 units credit for Psc 140 (112) if HD 100A or B previously completed.

\*\* Maximum of 4 units can be used toward upper division major requirement (192 has a 12-unit college maximum).

\*\*\* *Does not count toward upper division major units.*

Note: A maximum of 4 units of the following Human Development courses may be counted toward the 20 unit upper division requirement: Human Development 100A; 100B; 100C; 101; 102; 120; 121.