Psychology

Overview

An Associate of Art (AA) degree is offered, including university-level transfer courses and other graduation requirements. Courses include general principles, biological and social psychology, research methods, introductory statistics, contemporary issues, biological psychology lab, psychology of death and dying, work and human behavior, abnormal behavior, human development, marriage and family, human sexuality, and psychology of aging.

Roadmaps

Road maps lay out all of the courses you need to take for a given degree or certificate. Get a Road map! Explore Ways to Complete These Programs (/academics/arc-program-road-maps)

Division Dean
Kathy Sorensen (Interim) (/about-us/contact-us/faculty-and-staff-directory/kathryn-sorensen)
Department Chair
Andrea Garvey (/about-us/contact-us/faculty-and-staff-directory/andrea-garvey)
Area of Interest
People, Culture and Society (/academics/areas-of-interest/people-culture-and-society)
Division Behavioral & Social Sciences Division Office (/academics/arc-bss-division-office)
Phone (916) 484-8283

Associate Degrees for Transfer

A.A.-T. in Psychology

The Associate in Arts degree in Psychology for Transfer provides a clearly articulated curricular track for students who wish to transfer to a CSU campus, while also serving the diverse needs of students interested in the breadth and depth of the field of psychology. Additionally, this degree exposes students to the core principles and practices of the field in order to build a foundation for their future personal, academic, or vocational paths.

The degree was designed to facilitate students’ successful transfer to four-year programs that prepare them for advanced study in a variety of graduate programs, as well as a variety of careers such as nursing, sales and marketing, teaching, and law enforcement. Psychologists with graduate degrees and professional certificates have a broad range of employment opportunities including, but not limited to, clinical practice, research, and teaching. Clinical psychologists work in a variety of settings and with a wide range of clients. Research psychologists work in a range of fields associated with the study of human behavior, including biomedical, sports psychology, and cognitive neuroscience.

The Associate in Arts degree in Psychology for Transfer provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system.

The Associate in Arts degree in Psychology for Transfer (A.A.-T.) may be obtained by the completion of 60 transferable, semester units with a minimum of a 2.0 GPA, including (a) the major or area of emphasis described in the Required Program outlined below (earning a C or better in these courses), and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

Catalog Date: June 1, 2020

Degree Requirements

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
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<tbody>
<tr>
<td>PSYC 300</td>
<td>General Principles (3)</td>
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<td>or PSYC 480</td>
<td>Honors General Principles (3)</td>
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<tr>
<td>PSYC 310</td>
<td>Biological Psychology</td>
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<tr>
<td>PSYC 330</td>
<td>Introductory Statistics for the Behavioral Sciences</td>
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<td>PSYC 335</td>
<td>Research Methods in Psychology</td>
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<tr>
<td>PSYC 320</td>
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<td>PSYC 373</td>
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<td>PSYC 305</td>
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<td>PSYC 320</td>
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<td>PSYC 340</td>
<td>Abnormal Behavior (3)</td>
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<td>PSYC 342</td>
<td>Introduction to Applied Behavior Analysis (3)</td>
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<td>The Psychology of Family Life and Intimate Relationships in a Diverse Society (3)</td>
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<td>Child Psychology (3)</td>
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<td>PSYC 390</td>
<td>Psychology of Death and Dying (3)</td>
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Total Units: 18

1Or any course not used previously

The Associate in Arts in Psychology for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum of a 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:
• differentiate between scientifically derived knowledge versus pseudoscience within the field of psychology.
• compare and contrast the major theoretical perspectives in psychology.
• define basic psychological terminology regarding behavior, cognition, and emotion, and be able to express it clearly when writing or speaking about psychology.
• evaluate psychological data, use the scientific method, draw reasonable conclusions, recognize the ethical implications of these conclusions, and apply these to personal, community, and scientific problems.
• employ psychological principles that lay the foundation for life-long personal growth and development of interpersonal and social skills.
• demonstrate appropriate interpersonal and social skills in interactions with a diverse population using principles of equity, justice, and inclusion.

Career Information

The Psychology degree is designed to facilitate students' successful transfer to four-year programs that prepare them for advanced study in a variety of graduate programs, as well as a variety of careers such as nursing, sales and marketing, teaching, and law enforcement. Psychologists with graduate degrees and professional certificates have a broad range of employment opportunities including, but not limited to, clinical practice, research, and teaching. Clinical psychologists work in a variety of settings and with a wide range of clients. Research psychologists work in a range of fields associated with the study of human behavior, including biomedical, sports psychology, and cognitive neuroscience.

Associate Degrees

A.S. in General Science

This program provides a broad study in the fields of biological and physical sciences in preparation for transfer to a four-year program and continuation of studies in upper division science courses.

Catalog Date: June 1, 2020

Degree Requirements

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<thead>
<tr>
<th>COURSE CODE</th>
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Physical Science Courses

<p>| ASTR 300    | Introduction to Astronomy (3)                                               |
| ASTR 310    | The Solar System (3)                                                        |
| ASTR 320    | Stars, Galaxies, and Cosmology (3)                                          |
| ASTR 330    | Introduction to Astrobiology (3)                                            |
| ASTR 405    | Astronomy Laboratory (1)                                                    |
| ASTR 481    | Honors Astronomy; Stars, Galaxies, and Cosmology (4)                        |
| ASTR 495    | Independent Studies in Astronomy (1 - 3)                                    |
| ASTR 499    | Experimental Offering in Astronomy (0.5 - 4)                                |
| CHEM 305    | Introduction to Chemistry (5)                                                |
| CHEM 306    | Introduction to Organic and Biological Chemistry (5)                        |
| CHEM 309    | Integrated General, Organic, and Biological Chemistry (5)                  |
| CHEM 310    | Chemical Calculations (4)                                                    |
| CHEM 400    | General Chemistry I (5)                                                      |
| CHEM 401    | General Chemistry II (5)                                                     |
| CHEM 420    | Organic Chemistry I (5)                                                      |
| CHEM 421    | Organic Chemistry II (5)                                                     |
| CHEM 423    | Organic Chemistry - Short Survey (5)                                         |
| CHEM 495    | Independent Studies in Chemistry (1 - 3)                                    |
| CHEM 499    | Experimental Offering in Chemistry (0.5 - 4)                                |
| GEOG 300    | Physical Geography: Exploring Earth's Environmental Systems (3)             |
| GEOG 301    | Physical Geography Laboratory (1)                                           |
| GEOG 305    | Global Climate Change (3)                                                    |
| GEOG 308    | Weather and Climate (3)                                                      |
| GEOG 307    | Environmental Hazards and Natural Disasters (3)                             |
| GEOG 308    | Introduction to Oceanography (3)                                            |
| GEOG 309    | Introduction to Oceanography Lab (1)                                        |
| GEOG 391    | Field Studies in Geography: Mountain Landscapes (1 - 4)                     |
| GEOG 392    | Field Studies in Geography: Coastal Landscapes (1 - 4)                      |
| GEOG 393    | Field Studies in Geography: Arid Landscapes (1 - 4)                         |
| GEOG 394    | Field Studies in Geography: Volcanic Landscapes (1 - 4)                     |
| GEOG 495    | Independent Studies in Geography (1 - 3)                                    |
| GEOG 499    | Experimental Offering in Geography (0.5 - 4)                                |
| GEOL 300    | Physical Geology (3)                                                        |
| GEOL 301    | Physical Geology Laboratory (1)                                             |
| GEOL 305    | Earth Science (3)                                                           |
| GEOL 306    | Earth Science Laboratory (1)                                                |
| GEOL 310    | Historical Geology (3)                                                       |
| GEOL 311    | Historical Geology Laboratory (1)                                           |
| GEOL 320    | Global Climate Change (3)                                                    |
| GEOL 325    | Environmental Hazards and Natural Disasters (3)                             |
| GEOL 330    | Introduction to Oceanography (3)                                            |
| GEOL 331    | Introduction to Oceanography Lab (1)                                        |
| GEOL 345    | Geology of California (3)                                                   |
| GEOL 390    | Field Studies in Geology (1 - 4)                                            |
| GEOL 495    | Independent Studies in Geology (1 - 3)                                      |
| GEOL 499    | Experimental Offering in Geology (0.5 - 4)                                  |
| PHYS 310    | Conceptual Physics (3)                                                      |</p>
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<th>COURSE CODE</th>
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<tr>
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<td>PHYS 360</td>
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<td>PHYS 410</td>
<td>Mechanics of Solids and Fluids (5)</td>
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<td>PHYS 421</td>
<td>Electricity and Magnetism (4)</td>
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<td>PHYS 431</td>
<td>Heat, Waves, Light and Modern Physics (4)</td>
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<td>PHYS 495</td>
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**Biological Science Courses**

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<td>Introduction to Forensic Anthropology (3)</td>
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<td>ANTH 370</td>
<td>Primatology (3)</td>
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<td>ANTH 372</td>
<td>Primatology Field Studies (2)</td>
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<td>ANTH 480</td>
<td>Honors Biological Anthropology (3)</td>
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<td>ANTH 495</td>
<td>Independent Studies in Anthropology (1 - 3)</td>
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<td>Experimental Offering in Anthropology (0.5 - 4)</td>
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<tr>
<td>BIOL 300</td>
<td>The Foundations of Biology (3)</td>
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<td>BIOL 301</td>
<td>Evolution (3)</td>
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<td>BIOL 303</td>
<td>Survey of Biology (4)</td>
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<td>BIOL 305</td>
<td>Natural History (4)</td>
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<td>BIOL 322</td>
<td>Ethnobotany (3)</td>
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<td>Introduction to Ornithology (4)</td>
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<td>BIOL 342</td>
<td>The New Plagues: New and Ancient Infectious Diseases Threatening World Health (3)</td>
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<td>BIOL 375</td>
<td>Marine Ecology (3)</td>
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<td>BIOL 390</td>
<td>Natural History Field Study (0.5 - 4)</td>
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<td>BIOL 410</td>
<td>Principles of Botany (5)</td>
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<td>BIOL 415</td>
<td>Introduction to Biology: Biodiversity, Evolution, and Ecology (5)</td>
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<td>Principles of Zoology (5)</td>
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<td>Biotechnology and Human Health (3)</td>
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<td>BIOT 305</td>
<td>Introduction to Bioinformatics (1)</td>
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<td>Biotechnology and Society (2)</td>
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<td>Biotechnology Laboratory Methods - Molecular Techniques (2)</td>
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<td>Biotechnology Laboratory Methods - Microbial and Cell Culture Techniques (2)</td>
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<td>Experimental Offering in Biology (0.5 - 4)</td>
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<td>NATR 300</td>
<td>Introduction to Natural Resource Conservation and Policy (4)</td>
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<td>Introduction to Wildlife Biology (4)</td>
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<td>Introduction to Rangeland Ecology and Management (3)</td>
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<td>Field Studies: Birds and Plants of the High Sierra (1.5)</td>
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<td>Native Trees and Shrubs of California (4)</td>
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<td>Wildflowers of California (3)</td>
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<td>NATR 346</td>
<td>Water Resources and Conservation (3)</td>
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<td>PSYC 310</td>
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</table>

**Total Units:** 18

\[\text{must be transfer-level and must include one laboratory course in a physical science and one laboratory course in a biological science}\]

The General Science Associate in Science (A.S.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See ARC graduation requirements.

**Student Learning Outcomes**
Upon completion of this program, the student will be able to:

- evaluate new and accepted ideas about the natural universe using scientific methods.
- analyze a wide variety of natural phenomena using basic definitions and fundamental theories of biological or physical sciences.
- apply appropriate quantitative and qualitative methods to interpret and analyze pertinent data.
- outline the basic concepts and fundamental theories of a natural science.
- articulate orally and/or in writing the importance of continuous examination and modification of accepted ideas as a fundamental element in the progress of science.
- discuss ethical components of scientific decision making and apply personal and social values within the process of decision making in scientific endeavors.

A.A. in Psychology

Psychology focuses on the study of behavior of humans and other animals. It involves both pure and practical application of science to matters of everyday life.

Catalog Date: June 1, 2020

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A minimum of 3 units from the following:

- PSYC 320 Social Psychology (3)
- PSYC 370 Human Development: A Life Span (3)
- PSYC 373 Child Psychology (3)

A minimum of 3 units from the following:

- PSYC 305 Psychology Applied to Modern Life (3)
- PSYC 320 Social Psychology (3)
- PSYC 341 Abnormal Behavior (3)
- or PSYC 340 Abnormal Behavior Analysis (3)
- PSYC 354 The Psychology of Family Life and Intimate Relationships in a Diverse Society (3)
- PSYC 356 Human Sexuality (3)
- PSYC 358 Principles of Interpersonal Relations (3)
- PSYC 359 Stress Management and Health (3)
- PSYC 361 Psychology of Women in a Multicultural Society (3)
- PSYC 365 Issues of Diverse Populations (3)
- or HSER 330 Issues of Diverse Populations (3)
- PSYC 370 Human Development: A Life Span (3)
- PSYC 372 Child Development (3)
- or ECE 312 Child Development (3)
- PSYC 373 Child Psychology (3)
- PSYC 374 Psychology of Aging: Adult Development and Aging (3)
- or GERON 302 Psychology of Aging: Adult Development and Aging (3)
- PSYC 390 Psychology of Death and Dying (3)
- PSYC 400 Introduction to Chemical Dependency (3)
- or HSER 340 Introduction to Chemical Dependency (3)

Total Units: 18

1PSYC 320, PSYC 370, and PSYC 373 may be used for this requirement if not used previously.

The Psychology Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See ARC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- differentiate between scientifically derived knowledge versus myth and conjecture within the field of psychology.
- compare and contrast the major theoretical orientations in psychology.
- define basic psychological terminology regarding behavior, cognition, and emotion, and be able to express it clearly when writing or speaking about psychology.
- evaluate psychological data using the scientific method, draw reasonable conclusions, recognize the ethical implications of these conclusions, and apply these to personal, community, and scientific problems.
- employ psychological principles that lay the foundation for life-long personal growth and development of interpersonal and social skills.
- demonstrate appropriate interpersonal and social skills in interactions with a diverse population using principles of equity, justice, and inclusion.

Career Information

The Psychology degree is designed to facilitate students' successful transfer to four-year programs that prepare them for advanced study in a variety of graduate programs. Psychologists with graduate degrees and professional certificates have a broad range of employment opportunities including, but not limited to, clinical practice, research, and teaching. Clinical psychologists work in a variety of settings and with a wide range of clients. Research psychologists work in a range of fields associated with the study of human behavior, including biomedical, sports psychology, and cognitive neuroscience.

Psychology (PSYC) Courses

PSYC 300 General Principles
This course provides a broad overview of general principles of psychology. Topics include the scientific method, statistics, biological determinants, as well as general processes of behavior, such as development, learning, language, intelligence, perception, motivation, emotion, personality, and mental health. This course is not open to students who have taken PSYC 480.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- compare the major theoretical perspectives in psychology (e.g., behavioral, biological, cognitive, evolutionary, humanistic, psychodynamic, socio-cultural)
- describe the general subject areas of psychology (e.g., biological, sensation and perception, learning and memory, cognition, consciousness, individual differences, psychometrics, personality, social processes, developmental/lifespan, emotion, motivation)
- describe the applied areas of psychology (e.g., clinical, counseling, forensic, community, organizational, school health)
- differentiate between commonly used research methods in psychology and their applications
- apply psychological concepts, theories, and research findings to personal, interpersonal, occupational, and social/community contexts
- incorporate systematic critical thinking in arriving at conclusions about behavior and mental processes
- describe the roles that culture and diversity play in various aspects of human behavior and mental processes
- distinguish between the ethical implications of psychological research and the responsibility to pursue and use knowledge wisely

**PSYC 305 Psychology Applied to Modern Life**

Upon completion of this course, the student will be able to:

- compare the major theoretical perspectives in psychology
- analyze the dimensions of effective behavior in an increasingly complex and culturally diverse world
- define and use basic biological, physiological, and psychological terminology to describe adjustment and psychosocial development across the lifespan
- describe specific research methods and the general principles of research ethics for the study of human beings, including the safeguards and the peer-review process in science
- describe the physical and psychological effects of stress
- evaluate the effectiveness of various coping strategies
- distinguish between the most common psychological disorders and evaluate various treatment options
- describe the principles involved in attraction, relationship maintenance, and interpersonal conflict
- apply principles of effective communication in interpersonal relationships
- evaluate the effects of detrimental behaviors (e.g., smoking, drinking, overeating, poor nutrition) on physical and psychological health
- identify key aspects of the self-concept and the determinants of self-esteem
- evaluate the contributions of family, peers, schools, religion, and the media on the formations of sexual attitudes and behavior
- summarize the current research on the origins of sexual orientation and the adjustment of those with non-heterosexual orientations
- evaluate research on gender similarities and differences

**PSYC 310 Biological Psychology**

Upon completion of this course, the student will be able to:

- relate behavior and mental processes to anatomical, biological, chemical, and genetic mechanisms
- describe processes of neural communication within a neuron and between neurons
- explain the endocrine system and the anatomy and physiology of the nervous system including their relationships to behavior
- evaluate current research findings related to neuroanatomical, biochemical, and genetic mechanisms of disorders
- compare and contrast proposed treatments for psychological disorders, motor disorders, and other central nervous system pathologies
- discriminate between the types of research methodologies which characterize the study of brain-behavior relationships and illustrate the scientific approach
- critique and evaluate current research in biological psychology
- explain invasive vs. noninvasive research methods and the general principles of research ethics for the study of animals and human beings, including the research safeguards and the peer-review process in science
PSYC 311 Biological Psychology Laboratory

Units: 1
Hours: 54 hours LAB
Prerequisite: None.
Corequisite: PSYC 310
Transferable: CSU; UC
General Education: CSU Area B4; IGETC Area 2
Catalog Date: June 1, 2020

This course involves the applied study of the nervous system focusing on its anatomy, physiology, biochemistry, and impact on behavioral and mental processes. It provides a foundation in the principles of the scientific method and practical experience in its application to the study of biological psychology. Specific topics include anatomy, physiology, and organization of the nervous system, with special emphasis on the brain; anatomy and physiology of the neuron; physiology of nerves and nerve conduction; the biochemistry of the synapse; anatomy and physiology of sensory systems; and psychophysical examination of sensation and perception. It utilizes brain dissection procedures, interactive computer simulations, and lab experiments with data collection and analysis.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the principles of the scientific method.
- plan and conduct basic dissection of neural tissue.
- discriminate the anatomical features of the central and peripheral nervous system, their functions, and connectivity.
- distinguish cortical from subcortical structures and discuss their connectivity.
- differentiate features of basic cellular anatomy.
- compare the primary features of neurons, glia, and synapses at the cellular level.
- compare the cellular structure, electrophysiology, and function of various types of neurons.
- demonstrate proficiency with primary equipment and techniques used to investigate both brain and neuronal structure and function.
- compare the basic processes of sensation and perception for the main sensory systems and the principles of psychophysics.
- conduct basic psychophysical data collection and analysis procedures and interpret results.
- compare various psychobiological research methods in terms of the type of information gained and their areas of application.

PSYC 320 Social Psychology

Units: 3
Hours: 54 hours LEC
Prerequisite: PSYC 300 with a grade of "C" or better
Transferable: CSU; UC
General Education: AA/AS Area V(b); CSU Area D9; IGETC Area 4I
C-ID: C-ID PSY 170
Catalog Date: June 1, 2020

This course analyzes human behavior in relation to the social environment, including the power of the situation, other individuals, and the social group. Topics include aggression, prejudice, attraction, altruism, attitude change, conformity, gender roles, cultural norms, person perception, and social cognition.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- analyze the elements of a scientific approach to understanding human social behavior
- contrast the social influences with the biological or other influences on behavior
- explain the major scientific studies which form the basis for current theories of social psychology
- describe the ways in which principles gleaned from social psychological research apply to real-world problems and issues
- evaluate models of intervention into social behavior designed to address social problems
- compare basic concepts and theories in the major areas of inquiry within the discipline of social psychology
- identify individual and sociocultural differences with respect to the topics addressed in social psychology

PSYC 330 Introductory Statistics for the Behavioral Sciences

Units: 3
Hours: 54 hours LEC
Prerequisite: MATH 120, MATH 125, MATH 129, or MATH 133 with a grade of "C" or better.
Transferable: CSU; UC (UC credit limitation: STAT 300, 305, and PSYC 330 combined: maximum credit, one course)
General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2
C-ID: C-ID MATH 110
Catalog Date: June 1, 2020

This course focuses upon the concepts and applications of descriptive and inferential statistics in psychology and other behavioral sciences. Topics include descriptive statistics, probability and sampling distributions, parametric and nonparametric statistical methods, hypothesis testing, statistical inference and power, correlation and regression, chi-square, t-tests, and analysis of variance procedures. Application of both hand computation and statistical software to data in a social science context is emphasized to include the interpretation of the relevance of the statistical findings.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- compare and contrast statistical concepts relevant to research in the behavioral sciences.
- perform the following probability and statistical calculations by hand: sample spaces, factorial notation, counting rules, permutations and combinations, laws of probability, calculating probability of events using elementary, expected value probability principles; mean, median, mode, standard deviation – sample and best estimate, variance, range and interquartile ranges for discrete and continuous distributions; correlation, covariance, and regression analyses to test hypotheses of association; and, t-tests, ANOVAs, and other appropriate statistical analyses (Mann-Whitney U, Kruskal-Wallis H; Wilcoxon Signed -Ranks, and Friedman ANOVA) to test hypotheses of difference.
- calculate probabilities using t-distributions.
- use statistical software such as SPSS, Excel, Minitab or a graphing calculator to perform probability and statistical calculations.
- critique psychological literature that contains statistics.
- formulate a testable hypothesis; analyze data using an appropriate statistical procedure; determine and interpret the statistical significance and p value of results; reflect upon correctness of the hypothesis.
analyze and appropriately interpret applications using data from various disciplines including business, social sciences, psychology, life sciences, health science, and education.

PSYC 335 Research Methods in Psychology

Units: 3
Hours: 54 hours LEC
Prerequisite: PSYC 300 AND PSYC 330 or STAT 300 with a grade of "C" or better.
Advisory: ENGWR 310 or ENGRD 312 AND ENGWR 300; OR ELSR 340 AND ELSWR 340.
Transferable: CSU, UC (UC credit limitation: PSYC 340 & 481 combined: maximum credit, one course)
Catalog Date: June 1, 2020

This course introduces students to the various psychological research methods and to the critical evaluation of research. It emphasizes research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology are investigated through a review of research in a variety of sub-disciplines in psychology. Students gain knowledge in scientific writing, including proficiency in APA style.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- explain the basic principles of the scientific method.
- assess the purposes and limitations of the various research methods.
- critically evaluate research reports in psychology.
- synthesize a body of research findings.
- develop and test hypotheses.
- demonstrate knowledge of general research designs, experimental and non-experimental methods, and standard research practices.
- select appropriate research designs to test hypotheses.
- explain the ethical treatment of humans and animal participants in research and the institutional requirements for conducting research.
- evaluate the generalizability of study results.
- demonstrate proficiency in APA style.

PSYC 340 Abnormal Behavior

Units: 3
Hours: 54 hours LEC
Prerequisite: PSYC 300, 305, or 480 with a grade of "C" or better
Advisory: Eligible for ENGRD 310 or ENGRD 312 AND ENGWR 300; OR ELSR 340 AND ELSWR 340.
General Education: AA/AS Area III(b); CSU Area D9; CSU Area E1; IGETC Area 4A
Transferable: C-ID PSY 120
Catalog Date: June 1, 2020

This course explores the broad questions of normality and abnormality. Topics include the investigation of specific mental, emotional, and behavioral difficulties and current approaches to psychological intervention including present community mental health practices. It considers the contribution of social, biological, and psychological factors to the development and persistence of behavior disorders. This class is not open to students who have taken PSYC 481.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- differentiate advanced theoretical aspects of "normal" and "abnormal" behavior
- describe specific mental, emotional, and behavioral difficulties
- analyze the mystery and prejudice that surrounds people experiencing severe problems in adaptive behavior
- compare and contrast the approaches to psychological intervention including present community health practices
- identify the contribution of social, biological, and psychological factors to the development and persistence of behavioral disorders

PSYC 342 Introduction to Applied Behavior Analysis

Units: 3
Hours: 54 hours LEC
Prerequisite: PSYC 300 or 305 with a grade of "C" or better
Transferable: CSU
General Education: AA/AS Area III(b); CSU Area E1
Catalog Date: June 1, 2020

This course focuses on basic behavioral principles that describe relations between operant behavior and the social and physical environment. Behavior is examined as a part of the natural world and in everyday situations. The primary focus is on principles of operant conditioning, such as reinforcement, extinction, differential reinforcement, and punishment, as they are related to naturally occurring events. Additional topics include experimental and intervention procedures of applied behavioral analysis. It also covers practical applications including self management, institutional settings, schools, child behavior management, as well as treatment of developmental disorders such as Autism and Asperger's disorders.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the basic terminology and methodology of applied behavioral analysis and operant conditioning principles
- choose the appropriate research method to answer a specific question in applied behavioral analysis
- distinguish between the ethical implications of behavioral analysis research and the ethical applications of applied behavioral analysis interventions.
- demonstrate principles of applied behavior analysis, including the conceptualization of individual or group behavior in terms of environmental determinants, identification of target behavior in a behavioral modification plan, and ways to support contingencies of positive reinforcement, negative reinforcement, extinction and punishment
- propose a specific behavior modification program utilizing the principles of applied behavioral analysis.

PSYC 354 The Psychology of Family Life and Intimate Relationships in a Diverse Society
This course is a study of family life and intimate relationships from historical, sociological, and psychological viewpoints. Topics include elements for building and maintaining intimate relationships, the structure and functions of the family, sexuality, parenting, gender roles, partner selection, conflict, crisis, divorce, and starting over.

**Student Learning Outcomes**
Upon completion of this course, the student will be able to:

- compare concepts from psychology, sociology, and related disciplines used to describe the establishment and maintenance of intimate relationships
- evaluate research methods used to study intimate relationships, including marriage and the family
- contrast various theoretical models used to understand intimate relationships and family dynamics
- examine current research on courtship, cohabitation, mate selection, gender roles, marital stages, family planning, family diversity, child-rearing, conflict resolution, family disorganization, sexuality in intimate relationships, starting over, and trends shaping the family of the future
- evaluate nonempirical conclusions about the present health of marriage and the family, particularly as represented in uncritical media accounts
- apply key concepts to personal relationships and life experiences

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**PSYC 356 Human Sexuality**

Upon completion of this course, the student will be able to:

- examine sexual behavior from historical, cultural, religious, and legal points of view.
- demonstrate knowledge of the scientific method as it relates to key research findings pertaining to the diversity of human sexual behaviors.
- compare male and female anatomical structures and their functions.
- demonstrate awareness and skills to make healthy and responsible choices and decisions regarding relationships and sexuality.
- compare and contrast biological, psychological, and cultural similarities and diversity in human sexual behavior.
- examine, analyze, and compare the diverse experiences that influence human sexual behaviors with particular emphasis on historical and cultural practices of human sexual behaviors.
- examine, analyze, and contrast the factors that influence diverse human sexual behaviors including causes and the evaluation of possible solutions to multiple ethnocentric problems.

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**PSYC 358 Principles of Interpersonal Relations**

Upon completion of this course, the student will be able to:

- evaluate the relationship between self-awareness and interpersonal relationships, as well as demonstrate an increased self-awareness.
- examine components of effective communication and utilize effective communication skills (e.g., assertiveness, active listening, self-disclosure) in interpersonal relationships.
- compare and contrast features of health and unhealthy relationships.
- evaluate strengths and weaknesses of current relationships and apply skills for developing and enriching these relationships.
- compare and contrast the strengths and challenges faced by the different forms of the family.

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**PSYC 359 Stress Management and Health**

Upon completion of this course, the student will be able to:

- compare and contrast the strengths and challenges faced by the different forms of the family.
- evaluate stress and stress response, coping, and health. It covers various types of stressors, stress responses, and coping strategies, and the scientific research in these areas. Topics include the impact of stress on physical, cognitive, behavioral, and emotional health. This course focuses on developing healthy ways to cope with stress, including cognitive-behavioral techniques, mindfulness, and relaxation techniques.

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**Student Learning Outcomes**
Upon completion of this course, the student will be able to:

- assess typical stressors and compile a list of the typical stressors that may be encountered, including both positive and negative stressors.
- compare and contrast different theories on the types of coping strategies for handling stressors and types of strategies for stress management.
- assess the types of coping and stress management strategies in terms of effectiveness and ineffectiveness.
- explain the physiological processes associated with stress and the potential health effects to physical, behavioral, cognitive, and emotional health of experiencing long-term chronic stress.
- evaluate media reports on suggestions to improve health and manage stress using current research based findings.

**PSYC 361 Psychology of Women in a Multicultural Society**

**Units:** 3  
**Hours:** 54 hours LEC  
**Prerequisite:** None.  
**Transferable:** CSU; UC  
**General Education:** AA/AS Area V(b); AA/AS Area VI; CSU Area D3; CSU Area D4; CSU Area D9; IGETC Area 4C; IGETC Area 4D; IGETC Area 4I  
**Catalog Date:** June 1, 2020

This course is a study of human development across the lifespan, from conception through death, by focusing on the main domains in developmental psychology (physical, cognitive, and socio-emotional) as well as the interaction among these domains. It emphasizes development as an on-going process, with an effort to encourage the practical application of the knowledge acquired. This course is designed to provide a foundation for careers in educational, social, psychological, and medical fields as well as a better understanding of one's own developmental process.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- compare and contrast the psychological influences of the effect of gender in the use of language
- compare and contrast the psychological influences of gender in the world of work
- analyze the differences and influences of personality and behavior as they contribute to the ethnic experience of women of color
- analyze the biopsychosocial aspects of sexuality
- describe the behavioral similarities and/or differences between Euro-American women and women of color

**PSYC 365 Issues of Diverse Populations**

**Same As:** HSER 330  
**Units:** 3  
**Hours:** 54 hours LEC  
**Prerequisite:** None.  
**Transferable:** CSU; UC (effective Fall 2020)  
**General Education:** AA/AS Area V(b); AA/AS Area VI; CSU Area D; CSU Area E1; IGETC Area 4 (effective Fall 2020)  
**Catalog Date:** June 1, 2020

This course is a study of the psychological effects of society upon women. It emphasizes the exploration of gender roles, sex roles, and stereotypes, as well as the sociocultural, intrapersonal, and interpersonal factors in the development of women.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- identify and examine specific values, beliefs, and practices of diverse populations by race, ethnicity, gender, sexual orientation, gender identity, physical/cognitive/emotional/developmental ability, and age. It also explores the cognitive and emotional aspects of prejudice as it relates to institutional and individual discrimination. This course is not open to students who have completed HSER 330.
- compare and contrast the psychological influences of the effect of gender in work
- analyze the issues of racism, sexism, heterosexism, ableism, ageism, and classism as they relate to working with diverse populations
- develop culturally responsive prevention, intervention, and/or resolution to identified issues and problems affecting diverse populations
- assess one's personal attitudes regarding diverse populations

**PSYC 370 Human Development: A Life Span**

**Units:** 3  
**Hours:** 54 hours LEC  
**Prerequisite:** None.  
**Advisory:** Eligible for ENGRD 310 or ENGRD 312 AND ENGWR 300; OR ESLR 340 AND ESLW 340.  
**Transferable:** CSU; UC  
**General Education:** AA/AS Area V(b); AA/AS Area III(b); CSU Area D9; CSU Area E1; IGETC Area 4I  
**C-ID:** PSY 180  
**Catalog Date:** June 1, 2020

This course examines human development across the lifespan, from conception through death, by focusing on the main domains in developmental psychology (physical, cognitive, and socio-emotional) as well as the interaction among these domains. It emphasizes development as an on-going process, with an effort to encourage the practical application of the knowledge acquired. This course is designed to provide a foundation for careers in educational, social, psychological, and medical fields as well as a better understanding of one's own developmental process.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- examine how development evolves from conception through death
- evaluate the various domains of development (cognitive, physical, socio-emotional) and the interconnection among them
- examine how people are influenced by their genes, their families, and the world in which they live
- compare and contrast different theoretical perspectives used in explaining human development and behavior
- compare and contrast different scientific methods used to study human development and behavior
- evaluate the concept of continuity of development throughout the lifespan by assessing how experiences at one time of life may affect future development
- differentiate typical from atypical psychological development across the lifespan

**PSYC 372 Child Development**
This course is a study of the growth and development of children from the prenatal stage through adolescence. For each stage of development, the physical, cognitive, linguistic, social-moral, and emotional aspects of development, with attention to both typical as well as atypical development in each area, are discussed in reference to relevant research and theories. The course covers research methods and data collection approaches. The influences of culture, family, and the interaction of maturational and environmental factors are studied. The material in this course is designed as a foundation for early child care and education, teaching, and parenting. This course is not open to students who have completed ECE 312.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- describe the main characteristics of physical, cognitive, and social emotional development from birth through adolescence
- identify the roles of genetic and environmental influence on development
- identify the characteristics that exemplify typical and atypical development from birth through adolescence
- describe current and prominent theories of child development
- compare and contrast diverse parenting approaches and educational experiences in reference to developmental outcomes throughout childhood and adolescence
- apply theories to teaching and child-rearing practices with a focus on current topics in education for children from diverse backgrounds
- identify typical behavior of children and their individual differences and special needs (physical, cognitive, emotional, and social development)
- analyze the influence of culture, race/ethnicity, socioeconomic status, family and society structure on a developing child from birth through adolescence

**PSYC 373 Child Psychology**

**Units:** 3  
**Hours:** 54 hours LEC  
**Prerequisite:** None.  
**Advisory:** Eligible for ENGRD 310 or ENGRD 312 and ENGRD 313; OR ESLR 340 AND ESLW 340.  
**Transferable:** CSU; UC (UC credit limitation: PSYC 372, 373, and ECE 312 combined: maximum credit, one course)  
**General Education:** AA/AS Area V(b); CSU Area D9; CSU Area E1; IGETC Area 4  
**Catalog Date:** June 1, 2020

This course introduces the science of child psychology through the analysis of developmental theories and research. It examines key developmental events across the main domains in developmental psychology (physical, cognitive, socioemotional) are examined from conception through adolescence. Questions about development are investigated, with an emphasis on the role of the scientific method. It explores typical and atypical psychological development research is explored as well as the influences of culture, society, family, and physical environments on children’s behavior and mental processes. Additionally, this course provides a scientific foundation for future studies in social sciences, including psychology.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- evaluate key developmental events across the main domains in developmental psychology (physical, cognitive, socioemotional), from conception through adolescence.
- describe uses of the scientific method within developmental psychology.
- evaluate current and prominent developmental theories of child psychology.
- evaluate classic and current research in the area of child psychology.
- compare individual differences in typical behavior in children.
- differentiate typical from atypical psychological development in children.
- analyze the influences of culture, society, family, and physical environments on children’s behavior and mental processes.
- apply child psychology principles to one’s interactions with children (personal and/or professional).
- relate the connection between the study of child psychology to other disciplines.
- utilize critical thinking in arriving at conclusions about child psychology.

**PSYC 374 Psychology of Aging: Adult Development and Aging**

**Same As:** GERON 302  
**Units:** 3  
**Hours:** 54 hours LEC  
**Prerequisite:** None.  
**Advisory:** Eligible for ENGRD 310 or ENGRD 312 AND ENGRD 313; OR ESLR 340 AND ESLW 340.  
**Transferable:** CSU; UC (UC credit limitation: PSYC 374, GERON 300, 302, & SOC 335 combined: maximum credit, one course)  
**General Education:** AA/AS Area V(b); CSU Area D; CSU Area E1; IGETC Area 4  
**Catalog Date:** June 1, 2020

This course covers the physical, psychological, and social aspects of the aging process including the interactions between the elderly and the rest of society. Topics include an analysis of stereotypes, social bonds, environmental factors, sexuality, physical health, mental health, death, and bereavement. This course is not open to students who have completed GERON 302.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- identify and explain the differences between gerontology and geriatrics and explain the changing age demographics both in the United States and globally.
- describe at least four commonly held myths, stereotypes, or ageist attitudes regarding older adults and explain the impact these attitudes have on the image of aging.
- analyze and predict three ways race, gender, and ethnicity might influence the aging process.
- analyze the concepts of successful aging and optimal aging and recognize the differences between at least three normal and three abnormal age changes.
- describe at least three biological and three social theories used to predict how an individual might respond to the aging process or to old age.
- discuss and incorporate the concept of family and intimate relationships in later life and the importance of conveyors or networks in the individual process of aging.
- explain at least three of the financial costs associated with aging.
- describe the concept of “aging in place” using at least three local and national resources, two entitlements, and three healthcare options.
- identify an older who is aging optimally and describe at least three lifestyle choices, based on gerontological theory, that the student feels altered his/her aging process.
PSYC 378 Communicating with and Validating Older Adults

This course introduces the basic theory, techniques, and experiences for communication with, validation of, and stimulation of the elderly at different cognitive levels in long-term care. After the first class session, this course is held off campus in a long-term care setting. This course is not open to students who have completed GERON 330.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- evaluate basic communication needs of seniors and utilize appropriate level of validation theory and techniques
- demonstrate skill, ease, confidence, rapport, and listening skills when communicating with the elderly at different cognitive levels
- assemble and use a kit of materials to facilitate sensory stimulation, validation, and reminiscence therapies

PSYC 379 Reminiscence Therapy

This course introduces the basic theory and techniques of reminiscence therapy and provides experience in planning, facilitating, and evaluating reminiscence groups with the elderly in an institutional setting. After the first class session, this course is held off campus in a long-term care setting. This class is not open to students who have completed GERON 334.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- analyze basic group counseling theories and apply to reminiscence techniques used with the elderly
- analyze the effects of reminiscence therapy on the aging process
- evaluate participants' cognitive levels and interests and choose the appropriate subject for reminiscence
- detect and respond to individual needs within the group
- demonstrate skill, ease, confidence, rapport, and listening skills in facilitating reminiscence groups
- explain the basic process of memory construction
- analyze the staff development benefits from engaging in reminiscence with older adults
- demonstrate social inclusion using reminiscence therapy
- demonstrate techniques used to encourage reminiscence with people who have dementia and live in a facility
- examine his/her individual boundaries and explain why they are important to maintain in reminiscence groups

PSYC 390 Psychology of Death and Dying

This course investigates beliefs, attitudes, anxieties, and behaviors associated with dying and death. Information about suicide, life-threatening illnesses, bereavement, and euthanasia are presented.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe basic demographic information on death, grieving, and related experiences
- describe the psychological, social, philosophical, and legal issues related to death
- evaluate information regarding the practical, everyday procedures and practices involved in dealing with death in our own lives
- identify noted psychologists in the field of thanatology who address the stages and anxieties associated with death and dying
- compare and contrast the dynamics of grief, bereavement, and the tasks of adults' and children's mourning
- recognize the psychic pain of suicide, how one can help ameliorate the pain, and the various forms suicide can take, such as altruistic suicide and culturally-defined suicide
- assess personal attitudes and values concerning death

PSYC 400 Introduction to Chemical Dependency

This course introduces basic theory, techniques, and experiences for communication with, validation of, and stimulation of the elderly at different cognitive levels in long-term care. After the first class session, this course is held off campus in a long-term care setting. This course is not open to students who have completed GERON 330.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- evaluate basic communication needs of seniors and utilize appropriate level of validation theory and techniques
- demonstrate skill, ease, confidence, rapport, and listening skills when communicating with the elderly at different cognitive levels
- assemble and use a kit of materials to facilitate sensory stimulation, validation, and reminiscence therapies
This course examines the biopsychosocial effects of chemical dependency on the individual and the family. It includes an analysis of drug use; misuse and abuse across age, gender, race, ethnicity, and economic conditions contributing to substance abuse; and a description of community efforts at prevention and treatment. This course is not open to students who have completed HSER 340.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- analyze the psychological, physiological, and sociocultural issues related to substance use, misuse, and abuse
- describe the psychological and physiological progression of substance abuse
- examine the dynamics of race, ethnicity, age, and gender inherent in substance use, misuse, and abuse situations including drug preferences and codependency
- compare and contrast the key components of assessment and recovery programs for alcoholism and drug abuse including Alcoholics Anonymous (AA), Narcotics Anonymous (NA), Al-Anon, American Counseling Association (ACA), private and public, inpatient and outpatient

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### PSYC 401 Physiology and Pharmacology: Alcohol & Other Drugs

- **Same As:** HSER 341
- **Units:** 3
- **Hours:** 54 hours LEC
- **Prerequisite:** ENGWR 102 or ESLW 320 and HSER 340 or PSYC 400 with a grade of "C" or better.
- **Transferable:** CSU

This course is a study of the chemical composition of alcohol and the mechanism of action of alcohol and other psychoactive drugs, including opiates, stimulants, depressants, psychotherapeutics, and psychedelics. It also includes the social and psychological implications of tolerance, habituation, and substance abuse of the user and abuser. This course is not open to students who have completed HSER 341.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- analyze the psychological, physiological, and sociological issues related to substance abuse
- compare the effects of each class of psychoactive drugs upon the human body.
- define the biological, social, and psychological implications of psychoactive drug use, misuse, and abuse.
- describe the effects of psychoactive drugs on behavior.
- analyze treatment issues and challenges.
- examine alternatives to drug use.

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### PSYC 402 Alcoholism: Intervention, Treatment & Recovery

- **Same As:** HSER 342
- **Units:** 3
- **Hours:** 54 hours LEC
- **Prerequisite:** HSER 341 or PSYC 401 with a grade of "C" or better
- **Transferable:** CSU

This course is a study and evaluation of techniques used in the treatment of chemical dependency. Topics include intervention, individual and group counseling, detoxification, twelve-step program, therapeutic communities, and aftercare programs. This course is not open to students who have completed HSER 342.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- analyze drug and alcohol use, misuse, abuse, and addiction
- compare various theories of drug and alcohol addiction
- differentiate treatment issues of drug and alcohol use, misuse, abuse, and addiction
- describe treatment methods and counseling approaches of drug and alcohol use, misuse, abuse, and addiction

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### PSYC 415 Studying in London: Psychological Elements of British Life and Culture

- **Units:** 3
- **Hours:** 54 hours LEC
- **Prerequisite:** None.
- **Transferable:** CSU
- **General Education:** AA/AS Area V(b); CSU Area D9
- **Catalog Date:** June 1, 2020

This course, offered in a London study abroad program, surveys elements in British history and culture that have influenced the science of psychology. It emphasizes the influences of Sigmund Freud, Charles Darwin, Sir Francis Galton, and the events of World War II to current psychological theories. Additionally, the course examines the social norms in English culture in comparison to other cultures. Field trips are required.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the basic elements of psychology as a scientific discipline, including its subject matter and methodology
- evaluate the ideas and theories of various historical British contributors to current western psychological models
- interpret the psychological background and implications of the art and historical sites of England
- identify basic psychological principles in everyday English culture, people, and events
- compare and contrast English culture with one's own culture in terms of various psychological models
- analyze the effects of culture on human thinking and behavior
This honors course is for psychology majors, behavioral science majors, and other students who desire a challenging, issues-oriented introduction to the general principles of psychology. Topics include the scientific method, statistics, biological determinants, and general processes of behavior, such as development, learning, language, intelligence, perception, motivation, emotion, personality, and mental health. In comparison to PSYC 300, this honors course uses an intensive instructional methodology designed to challenge motivated students and cultivate advanced critical thinking skills. Instruction emphasizes critical thinking in a seminar style, where the focus is on analysis and evaluation of psychological theories and research studies as they relate to practical, everyday issues. Honor students will also develop proficiency in library and internet-based research, make oral and written presentations, and participate in student-led group discussions. An APA style research paper is also required. This course is not open to students who have completed PSYC 300.

### Student Learning Outcomes
Upon completion of this course, the student will be able to:

- evaluate the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology
- examine applications of psychological concepts, theories, and research findings to personal, interpersonal, occupational, and social/community contexts
- incorporate systematic critical thinking in arriving at conclusions about behavior and mental processes
- examine the role that culture and diversity play in the various aspects of human behavior and mental processes
- differentiate between the various psychological research methods and their applications
- distinguish between the ethical implications of psychological research and the responsibility to pursue and use knowledge appropriately

### PSYC 481 Honors Abnormal Behavior

Units: 3  
Hours: 54 hours LEC  
Prerequisite: PSYC 300, 305, or 480 with a grade of "C" or better; Placement into ENGWR 480 through the assessment process.  
Transferable: CSU; UC (UC credit limitation: PSYC 340 & 481 combined: maximum credit, one course)  
General Education: AA/AS Area II(b); CSU Area D; IGETC Area 4I  
C-ID: C-ID PSY 120  
Catalog Date: June 1, 2020

This course is for psychology majors, behavioral science majors, and others who desire a challenging, critical thinking, and issues-oriented introduction to the general principles of psychology. Topics include the scientific method, statistics, biological determinants, and general processes of behavior, such as development, learning, language, intelligence, perception, motivation, emotion, personality, and mental health. In comparison to PSYC 300, this honors course uses an intensive instructional methodology designed to challenge motivated students and cultivate advanced critical thinking skills. Instruction emphasizes critical thinking in a seminar style, where the focus is on analysis and evaluation of psychological theories and research studies as they relate to practical, everyday issues. Honor students will also develop proficiency in library and internet-based research, make oral and written presentations, and participate in student-led group discussions. An APA style research paper is also required. This course is not open to students who have completed PSYC 300.

### Student Learning Outcomes
Upon completion of this course, the student will be able to:

- appraise various aspects of "normal" and "abnormal" behavior
- extrapolate theories of psychopathology from scientific data and critically analyze the implications of those theories
- differentiate specific psychological disorders
- evaluate current approaches to treatment of psychological disorders including psychosocial rehabilitation
- debate legal, ethical, and social issues in mental health
- develop researchable hypotheses regarding biological, psychological, and social factors to the development and persistence of behavioral disorders

### PSYC 485 Honors Studies in Psychology

Units: 1 - 3  
Hours: 54 - 162 hours LAB  
Prerequisite: None.  
Catalog Date: June 1, 2020

Independent Study is an opportunity for the student to extend classroom experience in this subject, while working independently of a formal classroom situation. Independent study is an extension of work offered in a specific class in the college catalog. To be eligible for independent study, students must have completed the basic regular catalog course at American River College. They must also discuss the study with a professor in this subject and secure approval. Only one independent study for each catalog course will be allowed.

### PSYC 499 Experimental Offering in Psychology

Units: 0.5 - 4  
Prerequisite: None.  
Catalog Date: June 1, 2020

### Faculty

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*LaQuisha Beckum's profile page is linked to the faculty and staff directory of the college.*