POSC 197  Political Science Topics  (5 - 4)
Units awarded in topics courses are dependent upon the number of hours required
of the student. Any combination of lecture and/or laboratory may be scheduled by the
department. Refer to Class Schedule.

Transfer acceptability: CSU; UC – Credit determined by UC upon review of course
syllabus.
Topics in Political Science. See Class Schedule for specific topic offered. Course
title will designate subject covered.

POSC 295  Directed Study in Political Science  (1, 2, 3)
3, 6, or 9 hours laboratory
Prerequisite: Approval of project or research by department chairperson

Transfer acceptability: CSU; UC – Credit determined by UC upon review of course
syllabus.
Independent study designed for advanced students who have demonstrated a pro-
ficiency in political science subjects and have the initiative to work independently
on projects or research that does not fit into the context of regularly scheduled
classes. Students will work under the personal supervision of an instructor.

Psychology (PSYC)
Contact the Behavioral Sciences Department for further information.
(760) 744-1150, ext. 2329
Office: MD-241
For transfer information, consult a Palomar College Counselor.

Associate in Science Degrees -
AS Degree requirements are listed in Section 6 (green pages).
• Alcohol and Other Drug Studies

Associate in Arts Degrees -
AA Degree requirements are listed in Section 6 (green pages).
• Psychological and Social Services

Associate in Arts for Transfer -
AA-T, IGETC, and CSUGE requirements are listed in Section 6 (green pages).
• Psychology

Certificates of Achievement -
Certificate of Achievement requirements are listed in Section 6 (green pages).
• Alcohol and Other Drug Studies
• Psychological and Social Services

PROGRAMS OF STUDY
Alcohol and Other Drug Studies
Provides the student with the academic training and hands on experience for
entry-level employment in delivery of alcohol and other drug treatment services
in agency settings and serves as a preparation for California state examinations as
a certified addictions treatment counselor by CAADE and as a certified alcohol-
ism and drug abuse counselor by CAADAC.

A.S. DEGREE MAJOR OR
CERTIFICATE OF ACHIEVEMENT
Program Requirements  Units
PSYC 100  Introduction to Psychology  3
PSYC/SOC/
AODS 150  Introduction to Alcohol and Other Drug Studies  3
PSYC/SOC/
AODS 155  The Physiology and Pharmacology of Psychoactive Drugs  3
PSYC/SOC/
AODS 160  Prevention, Intervention, and Education  3
PSYC 225  Psychology of Abnormal Behavior  3
PSYC/SOC/
AODS 250  Group Leadership and Process  3
PSYC/SOC/
AODS 255  Case Management, Law and Ethics  3

TOTAL UNITS  30

Psychological and Social Services
Provides the student with the academic training and hands on experience for
entry-level employment in human services and serves as preparation for upper
division course work.

A.A. DEGREE MAJOR OR
CERTIFICATE OF ACHIEVEMENT
Program Requirements  Units
COUN 100  Introduction to Basic Counseling Skills  3
PSYC 100  Introduction to Psychology  3
PSYC/SOC/
AODS 140  Intro to Psychological and Social Services  4
PSYC 225  Psychology of Abnormal Behavior  3
PSYC 235  Learning/Behavior Modification  3
PSYC/SOC/
AODS 298  Directed Field Experience I  5
SOC 100  Introduction to Sociology  3
SOC 110  Social Problems  3

Electives (Select 3 units)
PSYC/SOC 105  Marriage, Family and Intimate Relationships  3
PSYC 110  Developmental Psychology – Child/Adult  3
PSYC 115  Psychology of Personal Growth  3
PSYC 120  Social Psychology  3
PSYC/SOC 145  Psychology and Sociology of Aging  3

TOTAL UNITS  30

See Catalog addendum at http://www.palomar.edu/catalog
Psychology

Psychology is a discipline that uses the scientific method to study animal and human behavior. This Associate in Arts in Psychology for Transfer degree offers students the opportunity to meet lower division transfer requirements for a major in Psychology, leading to a Bachelor of Arts or Bachelor of Science in Psychology at a California State University (CSU). Students who earn this degree will receive priority admissions at a CSU. The Associate in Arts in Psychology for Transfer degree is the first step in preparing students for professions and areas of interest related to psychology such as Clinical Psychology, Counseling, Medicine, Law, Management, Business, Social Work, and Teaching.

ASSOCIATE IN ARTS FOR TRANSFER MAJOR

Program Requirements

Courses may be double-counted between the GE course work and the major.

California State University General Education (CSUGE) pattern 39
OR
Intersegmental General Education Transfer Curriculum (IGETC-CSU) 37
Major Requirements 20
Transferable Electives (dependent upon GE pattern and double-counting) 14-19

TOTAL PROGRAM UNITS 60

Program Requirements

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<tr>
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<td>Statistics for the Behavioral Sciences</td>
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<td>Research Methods in Psychology</td>
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<td>PSYC 210</td>
<td>Physiological Psychology</td>
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<td>PSYC 110</td>
<td>Developmental Psychology - Child Through Adult</td>
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<td>PSYC 120</td>
<td>Social Psychology</td>
<td>3</td>
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<td>PSYC 225</td>
<td>Psychology of Abnormal Behavior</td>
<td>3</td>
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<tr>
<td>PSYC 235</td>
<td>Principles of Learning and Behavior Modification</td>
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<td>Marriage, Family and Intimate Relationships</td>
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<tr>
<td>PSYC 115</td>
<td>The Psychology of Personal Growth and Development</td>
<td>3</td>
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<td>PSYC 125</td>
<td>Human Sexuality</td>
<td>3</td>
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<tr>
<td>PSYC 130</td>
<td>Psychology of Women</td>
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TOTAL UNITS 21

COURSE OFFERINGS

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<td>Introduction to Psychology</td>
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<td><strong>Prerequisite:</strong> A minimum grade of ‘C’ in ENG 50 or eligibility for ENG 100 as determined through the English placement process</td>
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<td>PSYC 105</td>
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<td>PSYC 110</td>
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<td></td>
<td>C-ID PSY 130</td>
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</table>

A general introduction to the principles of human and animal behavior. Topics covered include history of psychology, research thinking, intelligence, lifespan development, gender and human sexuality, motivation and emotion, health psychology, personality, psychological disorders, therapy, social psychology, and other related topics (e.g., industrial/organizational psychology, sports psychology, environmental psychology, forensic psychology). Emphasis is placed upon the relationship between general principles of psychology and their practical applications.

Psychological research and theories to examine the development and impact of gender identity. Explores the ways race, ethnicity, class, sexual orientation, and age modify women's experience. Areas covered include communication, mental and emotional adjustment, sex-role socialization, body image, family, work, and intimacy. Content will be relevant to both women and men.
PSYC 140 Introduction to Psychological and Social Services (4)
3 hours lecture - 3 hours laboratory
Note: Cross listed as SOC 140/AODS 140
Transfer acceptability: CSU
Supervised internship in a human service agency or an alcohol and other drug treatment facility. An overview of the field of human services, including alcohol and other drug treatment. The roles of psychologists, sociologists, social workers, family therapists, social service assistants and addiction counselors are compared and contrasted, and the issues they deal with are described. Through cooperative efforts of provider agencies, the instructor, and the student, the skills utilized for entry-level employment are observed, practiced, and evaluated under supervision.

PSYC 145 Psychology and Sociology of Aging (3)
3 hours lecture
Note: Cross listed as SOC 145
Transfer acceptability: CSU
A multi disciplinary approach to the field of gerontology; historical, demographic, psychological, and sociological aspects of aging.

PSYC 150 Introduction to Alcohol and Other Drug Studies (3)
3 hours lecture
Note: Cross listed as SOC 150/AODS 150
Transfer acceptability: CSU
Examines alcohol, tobacco and psychoactive drugs in society. Biological, psychological and socio-cultural factors of drug abuse and dependence will be explored. The impact of addiction on families and society; contemporary treatment techniques, and the addiction counseling profession will be covered.

PSYC 155 The Physiology and Pharmacology of Psychoactive Drugs (3)
3 hours lecture
Note: Cross listed as SOC 155/AODS 155
Transfer acceptability: CSU
This course will examine how psychoactive drugs affect the nervous system. Ways of classifying drugs will be identified including the processes of physical and psychological dependence, tolerance, withdrawal, and genetic predispositions. Temporary and long-term affective, behavioral, cognitive, biological, and social consequences of psychoactive drug use will be explored, including disorders such as Korsakoff's syndrome and other nutritional deficiencies.

PSYC 160 Prevention, Intervention, and Education (3)
3 hours lecture
Note: Cross listed as SOC 160/AODS 160
Transfer acceptability: CSU
This course will review historical and contemporary approaches for chemical dependency, including prevention, intervention, and education. It will analyze the progression of substance abuse and chemical dependency disorders and will evaluate types of prevention, education, and intervention strategies.

PSYC 179 Special Topics in Contemporary Psychology (1, 1.5, 2, 3)
1, 1 ½, 2, or 3 hours lecture
Transfer acceptability: CSU; UC - Credit determined by UC upon review of course syllabus.
Current topics of special interest to psychology students will be debated and discussed in a seminar format. Issues in such areas as social psychology, perception and learning, personality, and others will be analyzed from theoretical and methodological perspectives. Content will change from semester to semester.

PSYC 205 Statistics for the Behavioral Sciences (4)
4 hours lecture
Prerequisite: A minimum grade of 'C' in MATH 56 or 60 or eligibility determined through the math placement process
Note: Cross listed as SOC 205
Transfer acceptability: CSU; UC - PSYC/SOC 205 and MATH 120 combined: maximum credit, one course
C-ID PSY 205
Quantitative and qualitative methods as applied to behavioral science data. Frequency distributions, measures of central tendency, variability, hypothesis testing, measures of probability and significance, correlation, regression, and inferential statistics. Also included are data entry, graphing, statistical analysis, and interpretation of data using word processing, spreadsheet, and statistical software.

PSYC 205L Data Analysis in Psychology and Sociology (1)
3 hours laboratory
Corequisite: PSYC/SOC 205
Note: Cross listed as SOC 205L
Transfer acceptability: CSU; UC
Use of the computer as a tool for calculating statistics and exploring data in Psychology and Sociology.

PSYC 210 Physiological Psychology (4)
3 hours lecture - 3 hours laboratory
Prerequisite: A minimum grade of 'C' in PSYC 100
Transfer acceptability: CSU; UC
C-ID PSY 150
An examination of the biological basis of behavior. Topics to be covered include neuroanatomy, neuropsychology, psychoactive drug use and addiction, endocrinology, encephalic evolution, learning and memory, sexual behavior, sleep processes and neuropsychological disorders. Laboratory includes neuroanatomical dissection.

PSYC 225 Psychology of Abnormal Behavior (3)
3 hours lecture
Prerequisite: A minimum grade of 'C' in PSYC 100
Transfer acceptability: CSU; UC
C-ID PSY 120
Identification and description of the various types of psychological abnormalities, deficiencies, and disorders which may interfere with a human individual's ability to cope with the demands of the surroundings. All of the major psychiatric categories will be covered as well as the types of personality problems which lead to domestic, social, and economic inadequacies, and in some instances, to difficulties with the law.

PSYC 230 Research Methods in Psychology (4)
3 hours lecture - 3 hours laboratory
Prerequisite: A minimum grade of 'C' in PSYC 100, PSYC/SOC 205, ENG 100
Transfer acceptability: CSU; UC
C-ID PSY 205B
Introduction to psychological research methods with emphasis on the use of the scientific method in psychological research. The laboratory is designed to complement the lectures and allow each student to design and conduct psychological research.

PSYC 235 Principles of Learning and Behavior Modification (3)
3 hours lecture
Transfer acceptability: CSU; UC
The basic principles and research in classical conditioning, operant conditioning, cognitive learning processes, the impact of biochemical processes on learning, and application of behavior modification techniques for changing behavior.
PSYC 250 Group Leadership and Process (3)
3 hours lecture
Note: Cross listed as AODS 250/SOC 250

Transfer acceptability: CSU
An introduction to the dynamics of group interaction, with emphasis upon the individual’s firsthand experience as the group studies itself under supervision. Problems of communication, effective emotional responses, and personal growth will be highlighted. The emphasis will be upon group process as a means of changing behavior.

PSYC 255 Case Management, Law and Ethics (3)
3 hours lecture
Note: Cross listed as AODS 255/SOC 255

Transfer acceptability: CSU
This course reviews the principles and practice of case management in addiction treatment including the processes of intake, screening, assessment, treatment planning, referral, and documentation. Professional and ethical codes of conduct and behavior are also reviewed and emphasized.

PSYC 260 Chemical Dependency Family Counseling (3)
3 hours lecture
Note: Cross listed as AODS 260/SOC 260

Transfer acceptability: CSU
This course is designed to explore methods of assisting family members and others to understand and to cope with the alcohol and drug abuse of alcoholics and addicts. Several family therapy modalities will be explored. The approach will be experiential in format and students will participate in exercises that lead to the development of these skills.

PSYC 296 Special Problems in Psychology (1, 2, 3)
1, 2, or 3 hours lecture
Transfer acceptability: CSU; UC - Credit determined by UC upon review of course syllabus.
An individualized or group project in psychology of any nature approved by, and under the personal supervision of, the instructor.

PSYC 298 Directed Field Experience I (5)
3 hours lecture - 6 hours laboratory
Note: Cross listed as AODS 298/SOC 298

Transfer acceptability: CSU
Supervised internship in a human service agency or an alcohol and other drug treatment facility. The student intern will have an opportunity to observe human service providers working with clients in agency settings. Ethical guidelines for helping professions, developing cultural competence, stages of change and motivational interviewing as a helping style are discussed. Interns practice interviewing skills for increasing motivation for positive change.

PSYC 299 Directed Field Experience II (6)
3 hours lecture - 9 hours laboratory
Prerequisite: A minimum grade of ‘C’ in AODS 140/SOC 140/PSYC 140 or AODS 298/SOC 298/PSYC 298
Note: Cross listed as AODS 299/SOC 299

Transfer acceptability: CSU
Supervised internship in an alcohol and other drug treatment facility. This course emphasizes advanced concepts in chemical dependency. Students refine their skills for the 12 core functions of effective clinical practice and compile a professional portfolio in preparation for the state certifying written exam. This course meets the 45-hour supervised practicum requirement for the California Certification Board of Alcohol and Drug Counselors.

Public Works Management (PWM)
Contact Occupational & Noncredit Programs for further information.
(760) 744-1150, ext. 2284
Office: AA-135

Associate in Science Degrees -
AS Degree requirements are listed in Section 6 (green pages).
- Public Works Management - Level I
- Public Works Management - Level II

Certificates of Achievement -
Certificate of Achievement requirements are listed in Section 6 (green pages).
- Public Works Management - Level I
- Public Works Management - Level II

PROGRAM OF STUDY

Public Works Management - Level I
Specifically designed for individuals employed by or seeking employment in public works organizations in San Diego County. Provides an overview for field personnel of the basic elements of the Public Works Industry and introduces students to administrative responsibilities and planning. This certification level prepares field personnel for “Lead Worker” positions. This is a cooperative program offered by Citrus, Palomar and Santiago Canyon Colleges in collaboration with and approved by the Maintenance Superintendents Association and American Public Works Association.

CERTIFICATE OF ACHIEVEMENT

Program Requirements

<table>
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<th>Program</th>
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<tbody>
<tr>
<td>PWM 50 Introduction to Public Works</td>
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<tr>
<td>PWM 51 Street Construction and Maintenance</td>
<td>3</td>
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<tr>
<td>PWM 52 Asphalt and Portland Cement</td>
<td>3</td>
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<tr>
<td>PWM 53 Public Works Inspection</td>
<td>3</td>
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<tr>
<td>MATH 50 Beginning Algebra</td>
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Electives (Select 3 units)

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<td>BMGT 101 Introduction to Management</td>
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<td>BUS 125 Business English</td>
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<td>BUS 138 Business Ethics</td>
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<td>BUS 187 Project for Business</td>
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<tr>
<td>SPCH 115 Interpersonal Communication</td>
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TOTAL UNITS 19

Public Works Management - Level II
Specifically designed for individuals employed by or seeking employment in public works organizations in San Diego County. Introduces management and administrative concepts to field staff. Classes are designed to prepare Lead Workers for front line supervisory positions in the Public Works field. This is a cooperative program offered by Citrus, Palomar and Santiago Canyon Colleges in collaboration with and approved by the Maintenance Superintendents Association and American Public Works Association.

A.S. DEGREE MAJOR OR
CERTIFICATE OF ACHIEVEMENT

Program Requirements

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<td>PWM 50 Introduction to Public Works</td>
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<td>PWM 53 Public Works Inspection</td>
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<td>PWM 55 Public Works Administration</td>
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<tr>
<td>PWM 57 Plan Interpretation and Cost Estimating</td>
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<td>PWM/VTE/WWT 60 Supervision</td>
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<td>CSIT 120 Computer Applications</td>
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Electives (Select 2 courses)

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TOTAL UNITS 27 - 33