INTRODUCTION

Psychology is a science whose central theme is the study of behavior. Psychology involves studying how we interact with one another and our environment. Psychology is practical; it is concerned with improving our quality of life. To achieve these ends, psychologists work in a broad range of research and applied settings. The psychology major is designed to provide a comprehensive overview of the main fields of psychology and the methods used in psychological research. The major is also designed to assist students in selecting elective courses in an area of the students’ interest. These specialty areas might include clinical/community, social, developmental/child/aging, industrial/organizational, learning/cognitive, biopsychology/health psychology and legal/forensic psychology. The major provides a basis for careers in a variety of psychology-related occupations, such as mental health agencies, hospitals, schools, businesses and public organizations. The major also prepares students for graduate training in fields such as psychological research; clinical psychology; marriage, family therapy; teaching; social work; law; business and management; and public administration.

All students who declare psychology as their major should meet with one of the undergraduate advisement coordinators (Humanities 830J, 657-278-3102) during their first semester to develop a study plan. Students should also obtain a copy of the Psychology Department Student Handbook and Careers for Psychology Majors from the department office. Early consultation with an adviser is especially important.

Community College Transfer Students: A maximum of nine lower-division units of psychology courses may be applied toward the 41 units required for the psychology major. The nine units must fit the course description requirements listed in this catalog for PSYC 101, 201 and 202. Additional lower-division units taken in psychology at a community college and approved by the university may be used for university credit for graduation.

LEARNING GOALS AND STUDENT LEARNING OUTCOMES

The following goals and learning outcomes have been established for students pursuing a degree in Psychology:

**Content Knowledge**
- Know important theories in experimental, personality, social, and applied areas of psychology
- Know research methods for empirically testing hypotheses
- Know statistical methods for analyzing data
- Know theory and practice related to psychological testing

**Critical Thinking**
- Be able to apply theory to solve psychological questions
- Be able to analyze and evaluate research reports
• Be able to apply psychological theory and research to real-world problems

Basic Skills
• Build writing skills, including mastery of APA style
• Build computer skills, including use of statistics software
• Build library skills, including literature searches; be able to summarize research articles
• Build laboratory skills for data collection

Personal Growth
• Develop a greater understanding of oneself as a person including the interactive effects between oneself and one’s environment
• Develop one’s ability to work collaboratively with others
• Participate in an internship in the community
• Develop awareness of how gender, race, culture and ethics influence personality and social interactions

BACHELOR OF ARTS IN PSYCHOLOGY (120 UNITS)
The Bachelor of Arts in Psychology requires 41 units in the major, which includes experimental and laboratory courses, and electives.

Lower Division (9 units)
PSYC 101 Introductory Psychology (3)
PSYC 201 Elementary Statistics (3)
PSYC 202 Research Methods in Psychology (3)

Upper Division (32 units)
Required Courses (26 units)
Experimental Psychology (6 units), two of the following:
PSYC 302 Learning and Memory (3)
PSYC 303 Sensation and Perception (3)
PSYC 304 Comparative Animal Behavior (3)
PSYC 305 Cognitive Psychology (3)
PSYC 306 Biopsychology (3)
Lab, (2 units), one of the following:
PSYC 302L Laboratory in Learning and Memory (2)
PSYC 303L Laboratory in Sensation and Perception (2)
PSYC 304L Laboratory in Comparative Animal Behavior (2)
PSYC 305L Laboratory in Cognitive Psychology (2)
PSYC 306L Laboratory in Biopsychology (2)
Two of the following (6 units):
PSYC 331 Psychology of Personality (3)
PSYC 341 Abnormal Psychology (3)
PSYC 351 Social Psychology (3)
PSYC 361 Developmental Psychology (3)

One of the following (3 units):
PSYC 311 Educational Psychology (3)
PSYC 317 Psychology and Law (3)
PSYC 362 Psychology of Aging (3)
PSYC 391 Industrial/Organizational Psychology (3)

Plus the following (9 units):
PSYC 300 Computer Applications in Psychology (3)
PSYC 461 Psychological Testing (3)
PSYC 495 Field Placement in Psychology (3)
Elective 300- and 400-Level Courses (6 units)
One 300- or 400-level elective in Psychology (3)
One 400-level elective, excluding PSYC 461, 495 and 496 (3)

Special Requirements
Each course counted toward the major must be completed with a grade of “C” (2.0) or higher. In addition, the overall minimum GPA must be 2.0 or greater for all units attempted in Psychology courses whether the course is counted toward the major or not; whether upper or lower division; or whether taken at Cal State Fullerton or elsewhere. No more than a total of three units of either PSYC 498 or PSYC 499 may be applied toward the major. No more than three units of PSYC 495 may be applied toward the major. PSYC 496 may not be used toward the major, but three units of this course may be counted toward units to graduate from the university. A minimum of 21 units counted toward the major must have been completed in psychology at CSUF.

Upper-Division Writing Requirement
To satisfy the course component of the University’s Upper-Division Writing Requirement, psychology majors must complete with at least a “C” (2.0), three courses totaling eight units. These same courses satisfy a portion of the requirements for the major.

Lecture/discussion, two of the following:
PSYC 302 Learning and Memory (3)
PSYC 303 Sensation and Perception (3)
PSYC 304 Comparative Animal Behavior (3)
PSYC 305 Cognitive Psychology (3)
PSYC 306 Biopsychology (3)

Lab, one of the following:
PSYC 302L Laboratory in Learning and Memory (2)
PSYC 303L Laboratory in Sensation and Perception (2)
PSYC 304L Laboratory in Comparative Animal Behavior (2)
PSYC 305L Laboratory in Cognitive Psychology (2)
PSYC 306L Laboratory in Biopsychology (2)
MINOR IN PSYCHOLOGY (21 UNITS)

Lower Division (9 units)
PSYC 101 Introductory Psychology (3)
PSYC 201 Elementary Statistics (3)*
PSYC 202 Research Methods in Psychology (3)

Upper Division (6 units)
One of the following (3 units):
PSYC 302 Learning and Memory (3)
PSYC 303 Sensation and Perception (3)
PSYC 304 Comparative Animal Behavior (3)
PSYC 305 Cognitive Psychology (3)
PSYC 306 Biopsychology (3)

One of the following (3 units):
PSYC 331 Psychology of Personality (3)
PSYC 341 Abnormal Psychology (3)
PSYC 351 Social Psychology (3)
PSYC 361 Developmental Psychology (3)

Electives (6 units)
*Students who complete PSYC 201, or who have completed an articulated community college equivalent, take 6 units of upper-division electives. Alternatively, students may substitute for PSYC 201 a similar course in their major that is approved by the Psychology Department and take 9 units of upper-division electives.

Special Requirements
Each course counted toward the minor must be completed with a grade of “C” (2.0) or higher. No more than a total of three units of PSYC 498 or 499 may be applied toward the minor. PSYC 496 may not be used toward the minor, but three units of this course may be counted toward units to graduate from the university. A minimum of 12 units counted toward the minor must have been completed in psychology at CSUF.

MASTER OF ARTS IN PSYCHOLOGY (30 UNITS)
The degree program provides advanced coursework and research training in core areas of psychology. Completion of the M.A. can facilitate application to doctoral programs and provide skills important to careers in education, research, the health professions and industry.

Admission to Graduate Standing – Classified
An applicant who meets the requirements listed below, in conjunction with the development of an approved study plan, may be evaluated for classified graduate standing:

1. satisfaction of the general prerequisites for graduate studies, which include a baccalaureate degree from a regionally accredited institution and a grade point average of at least 2.5 in the last 60 semester units attempted. Applicants are rarely admitted with less than a 3.0 overall grade-point average;

2. a 3.0 average in psychology coursework;

3. approved lower-division equivalent courses in psychology;
   • Introductory Psychology (e.g., PSYC 101)
   • Elementary Statistics (e.g., PSYC 201)
   • Research Methods in Psychology (e.g., PSYC 202)

4. approved upper-division equivalent coursework including classes in history of psychology (e.g., PSYC 408), with a grade of “B-” (2.7) or better (if history of psychology is not completed prior to entering the program it may be completed during the program); and advanced statistics (e.g., PSYC 465), with a grade of “B-” (2.7) or better, completed prior to entering or within the first semester. Also four additional psychology classes completed from the areas below; classes must be from four different areas and one must be a lab class;
   • Learning and Memory
   • Cognition/Information Processing
   • Sensation and Perception/Physiological/Biological
   • Social/Personality
   • Abnormal/Clinical
   • Developmental

5. satisfactory performance in the General (Verbal, Quantitative, Analytical) and Advanced Subject/Psychology tests of the Graduate Record Examination (GRE);

6. three satisfactory letters of recommendation. One must be from a psychology professor;

7. meet the University’s Writing Proficiency Requirement; and

8. empirical research (outside of coursework) supervised by a professor. This may include independent study, honors thesis, etc.

Admission to the program is based on competitive evaluation of qualifications and is at the sole discretion of the Psychology Department’s Graduate Studies Committee. New students are admitted to the Master of Arts program in the fall only. Both the university and department applications must be completed on time for full consideration. The university application must be submitted online.

Departmental application forms may be obtained from http://hss.fullerton.edu/psychology/masterofarts.asp. The deadline for submitting applications and all supporting materials is March 1.

Admission to Graduate Standing – Conditionally Classified
It may be possible for an applicant with minimal deficiencies in prerequisite requirements, but who is otherwise highly qualified, to be admitted conditionally to the program. Provisions for the removal of these deficiencies would be outlined as part of the conditional acceptance. Deficiencies must be removed prior to granting classified standing. For further information, consult the graduate program adviser.
Study Plan

The Master of Arts in Psychology requires approved graduate work, including the completion and acceptance by the department of a written thesis that has been defended orally.

Each student, in consultation with the graduate coordinator, will develop a program of study. This program will be outlined on an official university study plan form and submitted to the department's Graduate Studies Committee for review and approval. To be advanced to candidacy, students must receive a grade of "B-" (2.7) or better on all study plan courses and maintain a 3.0 grade point average overall.

Requirements for the M.A. in Psychology include the following:

500-Level Courses (15 units)
PSYC 500 Issues and Perspectives in Psychological Research (3)
PSYC 510 Experimental Design (3)
PSYC 599 Independent Graduate Research (3)
Two seminars from PSYC 520T Advanced Topics in Psychological Research (3,3)

400-level Content Courses (9-12 units)
Three 400-level psychology classes must be completed, each from a separate category:
- Applied Research
- Cognitive
- Social/Personality/Industrial
- Clinical
- Developmental
- Quantitative
- Sensory Processes/Physiological/Biological

*A list of qualifying classes for each category is available from the psychology graduate office.

Thesis (3-6 units)
PSYC 598 Thesis Research (3 or 3/3 units)
Students must complete PSYC 500 within their first semester in the program.

Following university regulations, a maximum of five years is normally allowed for completing degree requirements.

MASTER OF SCIENCE IN PSYCHOLOGY (50 UNITS)

CLINICAL

The Master of Science program combines training in scientific and applied areas of clinical psychology. It is based on the scientist-practitioner model. It prepares students for professional work in a variety of settings and for doctoral training in academic and professional programs in clinical psychology. The M.S. program provides supervised research and clinical fieldwork experience. It prepares the student for the Marriage, Family Therapy (MFT) license.

The M.S. Program accepts full-time students only. Part-time study is not possible. Students must complete coursework in the prescribed sequence. The program involves intensive fieldwork experience in clinical settings, emphasizing careful supervision, which includes weekly meetings with Psychology Department faculty and off-campus fieldwork supervisors.

Admission to Graduate Standing – Classified

An applicant who meets the following requirements may be considered for classified graduate standing upon development of an approved study plan:

1. satisfaction of the general prerequisites for graduate work, which include a baccalaureate degree from a regionally accredited institution and a grade-point average of at least 2.5 in the last 60 semester units attempted. Applicants are rarely admitted with less than a 3.0 overall grade-point average (See section of this catalog on Graduate Admissions for complete statement and procedures);
2. a 3.0 average in psychology;
3. the following courses, or equivalent;

Lower Division
PSYC 101 Introductory Psychology
PSYC 201 Elementary Statistics
PSYC 202 Research Methods in Psychology

Upper Division
PSYC 341 Abnormal Psychology
PSYC 461 Psychological Testing with a B- (2.7) or better (completed prior to admission or within the first semester)
PSYC 465 Advanced Psychological Statistics with a B- (2.7) or better (completed prior to admission or within the first year)

4. satisfactory performance on both the General and Advanced Psychology tests of the Graduate Record Examination;
5. three satisfactory letters of recommendation;
6. meet the university’s Writing Proficiency Requirement;
7. previous paid or volunteer work in a mental health setting, ideally supervised by a licensed clinician;
8. empirical research (outside of coursework) supervised by a professor. This may include independent study, honors thesis, etc.; and
9. completion of a selection interview.

New students are admitted to the Master of Science program in the fall only. Those admitted will be selected in the spring from the most qualified applicants, at the sole discretion of the department’s Graduate Studies Committee. An interview of the finalists is required. In addition to the university application, a departmental application form, obtainable at http://hss.fullerton.edu/psychology/masterofscience.asp, must be completed.

University applications must be submitted online.
The application deadline for submitting all materials, including GRE scores, is March 1. Incomplete applications will not be considered.

**Admission to Graduate Standing – Conditionally Classified**

It may be possible for applicants who have minimal deficiencies in the prerequisite requirements detailed above, but who are otherwise highly qualified, to be admitted with conditionally classified graduate standing. Provisions must be made for removal of deficiencies prior to the granting of classified standing. For further information, consult the graduate program adviser.

**Study Plan**

The Master of Science in Psychology requires approved graduate work, including the completion and acceptance by the department of a written thesis that has been defended orally. Students, in consultation with their program adviser, shall develop a study plan that will be submitted to the Graduate Studies Committee of the Department of Psychology for approval. To be advanced to candidacy, students must receive a grade of “B-” (2.7) or better on all study plan courses and maintain a 3.0 grade point average overall.

**Core Courses (10 units)**

- PSYC 501 Professional and Legal Issues in Clinical Psychology (3)
- PSYC 510 Research Design (3)
- PSYC 520T Advanced Topics in Psychological Research (3)
- PSYC 599 Independent Graduate Research (1)

**Clinical Courses (28 units)**

- PSYC 545 Advanced Psychopathology (3)
- PSYC 547 Theories of Psychological Intervention (3)
- PSYC 548 Psychotherapy Techniques (3)
- PSYC 549 Marriage, Family and Child Therapy (3)
- PSYC 560 Child and Adolescent Treatment (3)
- PSYC 561 Clinical Psychological Assessment (3)
- PSYC 568 Substance Abuse (1)
- PSYC 569 Cross Cultural Psychology (3)
- PSYC 594A Fieldwork (3)
- PSYC 594B Fieldwork (3)

**Electives (6 units)**

Elective coursework must be approved by the Graduate Program Coordinator.

**Thesis (6 units)**

PSYC 598 Thesis Research (6)

Successfully completing coursework is not sufficient to permit continuation in the program. In addition, faculty judgment must be satisfied with respect to the student’s effectiveness and professional and ethical behavior in dealing with clients. Continuation in the program is contingent upon satisfactory performance in all aspects of the program as judged by the Graduate Studies Committee.

**PSYCHOLOGY COURSES**

Courses are designated as PSYC in the class schedule.

**101 Introductory Psychology (3)**

Basic concepts, problems and methods in psychology. Perception, learning, measurement, cognitive processes, development, motivation, personality, abnormal behavior, physiological and social psychology. Three hours of research participation required. It is recommended that students satisfy the ELM requirement before enrolling.

**110 Critical Thinking in Psychology (3)**

Nature of critical thinking, models and strategies; common fallacies of reasoning, self-regulation in the thinking process; application of critical thinking to specific areas.

**201 Elementary Statistics (3)**

Prerequisites: PSYC 101 and completed ELM requirement. Descriptive statistics, probability, hypothesis testing (t, chi-square, F), sampling distributions of mean and variance, correlation and regression, analysis of variance (one-way, two-way, factorial design), interpreting data. Laboratory applications of statistical software to psychological data. (2 hours lecture, 3 hours laboratory)

**202 Research Methods in Psychology (3)**

Prerequisites: PSYC 101, 201 and completed ELM requirement, and completion of a General Education (G.E.)-certified college composition course. Fundamentals of psychological research methods. Participation in conducting experiments, analyzing data, interpreting results and writing research reports. (2 hours lecture, 3 hours laboratory)

**300 Computer Applications in Psychology (3)**

Prerequisites: completion of G.E. math requirement, PSYC 101, 201, 202. General introduction to the use of computers in psychology. Selection and use of application programs in research, statistics and testing will be emphasized. One or more sections offered online.

**302 Learning and Memory (3)**

Prerequisites: PSYC 101, 201, 202. Students taking PSYC 302L concurrently must also have completed PSYC 300. Overview of theories and research in classical and operant conditioning, verbal learning, concept learning and memory.

**302L Laboratory in Learning and Memory (2)**

Prerequisites: PSYC 101, 201, 202, 300. Pre- or corequisite: PSYC 302. Application of research methods to the study of topics in learning and memory. Empirical research will be designed, conducted, analyzed and interpreted. Written research reports required. (4 hours of laboratory).
303 Sensation and Perception (3)
Prerequisites: PSYC 101, 201, 202. Students taking PSYC 303L concurrently must also have completed PSYC 300. Detailed examination of anatomical, physiological and psychological/behavioral aspects of sensation and perception in humans and other animals. Emphasizes all five basic senses: vision, hearing, touch, taste and smell.

303L Laboratory in Sensation and Perception (2)
Prerequisites: PSYC 101, 201, 202, 300. Pre- or corequisite: PSYC 303. Application of research methods to topics in sensation and perception. Empirical research will be designed, conducted, analyzed and interpreted in the context of existing theories. Written research reports required. (4 hours of laboratory).

304 Comparative Animal Behavior (3)
Prerequisites: PSYC 101, 201, 202. Students taking PSYC 304L concurrently must also have completed PSYC 300. Detailed study of human behavior in comparison with other animal species within an evolutionary context, including behavior genetics, sensory systems, development, communications, parental behavior, mating strategies, aggression, and social organizations. Field trips to local zoos required.

304L Laboratory in Comparative Animal Behavior (2)
Prerequisites: PSYC 101, 201, 202, 300. Pre- or corequisite: PSYC 304. Laboratory and field studies in animal behavior. Empirical research will be designed, conducted, analyzed and interpreted. Written research reports required. (4 hours of laboratory).

305 Cognitive Psychology (3)
Prerequisites: PSYC 101, 201, 202. Students taking PSYC 305L concurrently must also have completed PSYC 300. Overview of current theories and research in cognitive psychology, cognitive neuroscience and cognitive science. Topics include perception and attention, imagery, memory, language, creativity, problem solving, reasoning and decision making. One or more sections offered online.

305L Laboratory in Cognitive Psychology (2)
Prerequisites: PSYC 101, 201, 202, 300. Pre- or corequisite: PSYC 305. Application of theoretical and experimental principles and findings in cognitive psychology. Empirical research will be designed, conducted, analyzed, interpreted and presented. Written research reports required. One or more sections offered online. (4 hours of laboratory).

306 Biopsychology (3)
Prerequisites: PSYC 101, 201, 202. Students taking PSYC 306L concurrently must also have completed PSYC 300. Topics in biopsychology, including development of nervous system, neural activity, neurotransmitters, the synapse, sensory and motor systems, biological motives, sleep, brain damage, learning, language centers, neurology of mental illnesses, and drug effects in the brain.

306L Laboratory in Biopsychology (2)
Prerequisites: PSYC 101, 201, 202, 300. Pre- or corequisite: PSYC 306. Empirical research will be designed, conducted, analyzed and interpreted involving areas of biopsychology. Written research reports required. (4 hours of laboratory).

310 Psychology of Gender (3)
Prerequisites: PSYC 101. Psychological research, theories and issues related to gender differences and similarities, emphasizing psychological characteristics and problems of women and men, and on relationships between and within genders.

311 Educational Psychology (3)
Prerequisite: PSYC 101. Application of psychological research and theory to educational processes, including learning, motivation, individual differences, teaching methods and evaluation. Recommended for those interested in teaching careers.

312 The Psychology of Human Sexual Behavior (3)
Prerequisite: PSYC 101. Topics in human sexual behavior integrating biological, social, clinical and developmental aspects of sexuality. Surveys and statistics of sexual behavior, sexual orientation, gender identity, sexual variations, causes and treatment of sexual dysfunctions. Legal, moral and social issues.

317 Psychology and Law (3)
Prerequisite: PSYC 101. Impact of social scientific evidence on the legal system. Issues and cases related to the death penalty, memory as evidence, police interrogations and false confessions, jury decision-making, pretrial publicity, detecting deception and the insanity defense.

322 Psychology of African Americans (3)
(Same as AFRO 322)

331 Psychology of Personality (3)
Prerequisite: PSYC 101. Research, theory and assessment techniques in the area of personality. One or more sections offered online.

341 Abnormal Psychology (3)
Prerequisite: PSYC 101. Symptoms, causes, treatment and prevention of mental problems; anxiety disorders, personality disorders, psycho-physiological disorders, psychoses, substance use disorders, sexual disorders and organic disorders.

346 Asian American Psychology (3)
(Same as ASAM 346)

351 Social Psychology (3)
Prerequisite: PSYC 101. How people think about, influence and relate to one another. Topics include social perception and cognition, attitudes and attitude change, attraction, altruism, aggression, interpersonal influence and group processes.
361 Developmental Psychology (3)
   Prerequisite: PSYC 101. Theories, methods and research findings regarding physical, cognitive and psychosocial human development, including such topics as perception, learning, intelligence and personality.

362 Psychology of Aging (3)
   Prerequisite: PSYC 101. Characteristics of humans during the adult years. Topics include physical, intellectual, cognitive, personal, social and psychological development, vocational and family changes, retirement and death.

371 Evolutionary Psychology (3)
   Prerequisite: PSYC 101. Evolutionary origins and function of human behavior and psychology. Applying evolutionary perspectives to a broad range of topics, including cooperation, conflict, mating strategies, social exchange, jealousy and parenting.

391 Industrial/Organizational Psychology (3)
   Prerequisite: PSYC 101. Human behavior in the workplace. Traditional and current psychological principles applied to industrial, organizational and business settings. Selection, placement, training, work motivation, human factors, environmental influences, leadership, work stress, workplace violence, organizational communication, organizational development and consumer behavior.

408 History of Psychology (3)
   Prerequisites: one of the following; PSYC 302, 303, 304, 305 or 306; and two of the following: PSYC 331, 341, 351, 361. Development of psychology from early times to the present; major traditions and conceptual issues.

414 Cognitive Neuroscience (3)
   Prerequisites: PSYC 305 and 306, or consent of instructor. Human cognitive behavior as a brain-based activity: Methodology of Cognitive Neuroscience, functional neuroanatomy and their relationships to perception, attentional encoding and control mechanisms, memory, emotion, language and consciousness.

415 Cognitive Processes (3)
   Prerequisite: PSYC 302, 303 or 305. Advanced treatment of theory and research in such topics as attention, pattern recognition, memory, knowledge representation, language, decision-making, judgment, reasoning and problem solving.

417 Psycholinguistics (3)
   Prerequisite: six hours of upper-division work in psychology or linguistics. Theory and research on the psychological processes that make possible language acquisition and use. Three major concerns are: comprehension of spoken and written language; speech production; and language acquisition. (Same as LING 417)

430 A Social Psychological Study in Ethnic Minority Behavior (3)
   (Same as AFRO 430)

431 Theories of Personality (3)
   Prerequisite: PSYC 331. Traditional and contemporary theories of personality, including psychoanalytic, humanistic-existential, behavioral, trait and social interaction approaches.

461 Psychological Testing (3)
   Prerequisites: PSYC 201, 202, 300 and senior status (completion of 90 or more units). Intelligence, aptitude, interest and personality testing. Theory, construction, evaluation, interpretation and uses of psychological tests.

462 Advanced Psychology of Aging (3)
   Prerequisite: PSYC 362 or graduate standing. Concepts and controversies in the field of gerontological psychology and the societal implications of an aging population. Review and analyze current literature, focusing on the physiological, psychological and social changes that accompany old age. (Same as GERO 462)

464 Advanced Developmental Psychology (3)
   Prerequisites: PSYC 202, CAS 301, 312 or PSYC 361. Review and analyze major theoretical, empirical and applied issues in developmental psychology.

465 Advanced Psychological Statistics (3)
   Prerequisites: PSYC 201 and 300 or equivalent. Advanced computer applications focusing on topics such as web page development, data analysis, graphing, data bases and online experimentation and data collection.

466 Advanced Social Science Computer Applications (3)
   Prerequisites: PSYC 201 and 300 or equivalent. Advanced computer applications focusing on topics such as web page development, data analysis, graphing, data bases and online experimentation and data collection.

467 Multivariate Statistics for Psychology (3)
   Prerequisite: PSYC 465. Multivariate analysis of variance, profile analysis, discriminate analysis, factor analysis, cluster analysis, multidimensional scaling, introduction to structural equations and hierarchical linear models, and applications to psychological research.

473 Sleep, Dreams, and Behavior (3)
   Prerequisites: PSYC 306, 331, 341. Role of sleep and dreams in controlling awake behavior. Topics include historical views/theories, the neurobiology of sleep and dreams, sleep-wake schedules, sleep disorders, and their relationships to cognitive, personality and psychopathology.

474 Health Psychology (3)
   Prerequisites: PSYC 101 and completion of nine units of upper-division psychology courses. Role of psychology in prediction, prevention and treatment of medical disorders, including stress and illness, psycho-neuro-immunology, psychological aspects of chronic illnesses, behavioral medicine, physician-patient dynamics.
475 Psychopharmacology (3)
   Prerequisites: PSYC 306 and 341. Basic neurophysiological principles of pharmacokinetics and pharmacodynamics that underlie the effects of drugs on experience and behavior. Recreational drugs and abused drugs that can contribute to psychological disorders. Psychological, medical and social implications of pharmacotherapy.

480M MARC Proseminar (1)
   (Same as BIOL 480M)

481 Survey of Clinical Psychology (formerly 342) (3)
   Prerequisite: PSYC 341. Methods, diagnosis, therapeutic techniques, research, educational requirements, professional requirements, ethics, graduate school preparation, choosing graduate programs.

495 Field Placement in Psychology (3)
   Prerequisites: nine units of 300-level psychology courses completed at CSUF by the time of course registration, and 2.0 GPA in psychology courses. Supervised experience in which psychological principles or methods are applied in a fieldwork setting. Mandatory class meetings to discuss and write about experiences of integrating psychological theory with practice. Required of majors. One of more sections offered online.

496 Student-to-Student Tutorials (1-3)
   Consult "Student-to-Student Tutorials" in this catalog for more complete course descriptions.

498 Directed Empirical Research (1-3)
   Prerequisites: completion of one upper-division laboratory course in psychology and consent of instructor. Study plan must be approved by university census date. Individual laboratory investigation under direction of a faculty member. No more than three units of credit toward the major.

499 Directed Library Research (1-3)
   Prerequisites: completion of at least one upper-division laboratory course in psychology and consent of instructor. Study plan must be approved by university census date. Individual library study under direction of a faculty member. No more than three units of credit toward the major.

500 Issues and Perspectives in Psychological Research (3)
   Prerequisites: admission to the psychology graduate program and consent of instructor. Current theoretical, professional and methodological issues in psychology.

501 Professional and Legal Issues (3)
   Prerequisite: admission to the M.S. Psychology (clinical) program. Introduction to methodological, ethical and legal issues in the field of Clinical Psychology.

510 Research Design (3)
   Prerequisites: PSYC 201, 465 and admission to a psychology graduate program. Principles and methods of planning and carrying out systematic psychological research, interdependence of research design and statistical evaluation of results. Practice in formulation of testable hypotheses.

520T Seminar: Advanced Topics in Psychological Research (3)
   Prerequisite: admission to a psychology graduate program. Content of seminar may vary each semester. A topic is selected for in-depth study from one or more specialty areas within the field of psychology. May be repeated for credit.

545 Advanced Psychopathology (3)
   Prerequisites: PSYC 341 or equivalent and admission to either the M.S. Psychology (Clinical) program or the M.A. Psychology program. In-depth study of diagnosis, etiology theories, research and prevention of adult and child psychopathology.

547 Theories of Psychological Intervention (3)
   Prerequisite: admission to M.S. Psychology (Clinical) program. In-depth coverage of psychotherapy. Principle theoretical approaches covered are: psychodynamic, humanistic, and behavioral/cognitive behavioral.

548 Psychotherapy Techniques (3)
   Prerequisite: satisfactory completion of first semester of M.S. Psychology (Clinical) program. Skills course in conducting diagnostic interviews and basic therapeutic techniques. Role playing and video feedback. (2 hours lecture, 3 hours laboratory)

549 Marriage, Family and Child Therapy (3)
   Prerequisite: completion of first year in M.S. Psychology (Clinical) program. Marriage, family and child therapy: theory, techniques and research.

560 Child and Adolescent Treatment (3)
   Prerequisite: satisfactory completion of the first semester of the M.S. Psychology (Clinical) program. Specific therapy techniques, including behavioral, and general approaches to the treatment of children and adolescents.

561 Clinical Psychology Assessment (3)
   Prerequisites: PSYC 461 and admission to the M.S. Psychology (Clinical) program. Theory, administration, scoring and interpretation of measures of intelligence and objective personality inventories.

568 Substance Abuse (1)
   Prerequisite: admission to the graduate program. Impact of alcoholism and drug abuse on the individual, family and community; clinical skills in the diagnosis and treatment of substance abuse; and research on diagnosis and outcome.
569 Cross-Cultural Psychology (3)
Prerequisites: completion of PSYC 545 and 547. In-depth study of cross-cultural issues as they apply to clinical psychology, specifically psychotherapy. Practical, research and theoretical issues.

594A Fieldwork (3)
Prerequisite: satisfactory completion of first year’s work in the M.S. Psychology (Clinical) program. Supervised clinical work in mental health agencies. (Minimum of 12 hours field experience per week.)

594B Fieldwork (3)
Prerequisite: satisfactory completion of first year’s work in the M.S. Psychology (Clinical) program. Supervised clinical work in mental health agencies. (Minimum of 12 hours field experience per week.)

598 Thesis Research (3 or 6)
Prerequisites: formal advancement to candidacy and consent of instructor. Development of a proposal for a major piece of empirical research, execution of the study, analysis of the results and writing of a thesis.

599 Independent Graduate Research (1-3)
Prerequisites: admission to a psychology graduate program and consent of instructor. Empirical research in a selected area of psychology. Designed, conducted and written by the student with the collaboration of a member of the faculty. May be repeated for credit.
INTRODUCTION

Public Administration trains people to become managers in government and nonprofit organizations. It draws on literature from political science, psychology, economics, business and sociology to provide students with skills that would make them more effective public sector leaders. It is concerned with the role played by public employees in policy-making, planning, personnel management, taxation and finance, and in responding to the needs and problems of communities and the nation.

A major in Public Administration features focused study and preparation for service in public agencies or in nonprofit organizations. Public administration majors study the larger political environment of public service and the concepts and goals that underline such functions as budgeting, personnel, policy analysis and management. Students without professional public service backgrounds gain experience through the government internship.

LEARNING GOALS AND STUDENT LEARNING OUTCOMES

The following goals and learning outcomes have been established for students pursuing a degree in Public Administration:

Knowledge
- Understand and use factual knowledge about the role and function of the public and nonprofit sectors of society, including understanding the role of the administrative function in political systems
- Acquire factual knowledge of the role of personnel administration, public budgeting and finance in the creation and implementation of public policy
- Understand the role of public administration professionals as participants in the creation and implementation of public policy
- Understand models of politics and governance as they relate to the role of administrative agencies and processes, particularly their role in democratic systems

Experience
- Be provided with the opportunity, through internships, to experience public administration directly

Skills
- Develop skills in acquiring, analyzing and assessing information in public and nonprofit settings
- Be able to think and write clearly, critically and intelligently about public administration
INTERNSHIPS
The division offers a variety of internships. Each one involves students working in an agency or political organization, and meeting in an on-campus seminar to discuss and analyze their experiences. The internship in Public Administration is POSC 497 and is required of all majors without public service administrative experience.

BACHELOR OF ARTS IN PUBLIC ADMINISTRATION
(120 UNITS)
The Bachelor of Arts in Public Administration requires 39 units of political science and public administration, all in upper division. In addition, nine upper-division units are required in related disciplines, such as American studies, anthropology, criminal justice, economics, geography, history, philosophy, psychology, sociology and statistics. Work in related fields must be approved in writing by one of the department’s undergraduate advisers.

Core Requirements (9 units)
POSC/CRJU 320 Introduction to Public Management (3)
POSC 421 Government and the Economy (3)
POSC/CRJU 422 Human Resources Management (3)

Computer Applications and Statistics Requirements (6 units)
POSC 321 Research in Public Management (3)
POSC 407 Polls, Statistics and Political Interpretation (3)

Urban and Public Policy Requirements (9 units)
POSC 300, 309, 315, 322, 403, 408, 411, 427, 446, 448, 472, 473, 474, 475, 478 or 484.

Internship Requirement (3 units)
POSC 497 Internship in Public Administration (3)
May be waived for students who have administrative experience in the public sector.

Electives (12 units; 15 units if Internship Requirement is waived)
MGMT 441
POSC 352, 375, 416, 461, 473, 474, 476
POSC/AFRO 317
POSC/CHIC 460
POSC/CRJU 404, 472
POSC/GEOG 478, 484
Other courses with consent of an adviser.

Related Fields (9 upper-division units)
Students must complete nine units in related disciplines such as American studies, anthropology, criminal justice, economics, geography, history, philosophy, psychology, sociology or others as approved by an undergraduate adviser. Appropriate G.E. courses may be applied.

Writing Requirement
Majors must successfully complete POSC 421 and POSC/CRJU 422 to satisfy the upper-division writing requirement. A “C” (2.0) or better is required.

MINOR IN PUBLIC ADMINISTRATION (18 UNITS)
Students must take POSC/CRJU 320 and 411, 421 or 422, and 12 additional units. Three of the 12 may be lower-division (e.g., POSC 100 or 200) and nine must be at the 300/400 level including at least one of POSC 300, 309, 315, 403, 411, 416, 421, 422, 427, 446, 448, 472, 473, 474, 475, 478 or 484.

MASTER OF PUBLIC ADMINISTRATION (39 UNITS)
This professional degree is designed to disseminate the knowledge and skills needed for efficient and effective government. The program acquaints the student with the theoretical and practical skills needed to improve the practice of governmental management. It also prepares one to cope with the ethical and moral dimensions of the contemporary policy maker. Career guidance, work experience and placement are important components of the program.

Admission to Graduate Standing – Conditionally Classified
A student may become conditionally classified in the Master of Public Administration program if the university requirements for admission are met. These requirements are a baccalaureate degree from an accredited institution and a grade-point average of at least 2.75 in the last 60 semester units attempted (see Graduate Regulations section of this catalog for complete statement and procedures).

Graduate Standing – Classified
A student who meets the above requirements may become a classified student if all following conditions are met:

1. completes a minimum of 12 semester units of undergraduate coursework in the social sciences or business, six semester units of which must have been upper-division level. At least one of the courses must have been in economics. Upon recommendation of the public administration faculty, suitable practical experience may be substituted for a maximum of six units of the social science/business requirement;
2. completes a one-semester course in basic statistics;
3. satisfies at least one of the following GPA conditions:
   - At least a 3.25 in the undergraduate major and 2.75 in the last 60 units
   - Between 2.75 and 3.24 in the undergraduate major, 2.5 in the last 60 units, and at least 1000 combined score (vocabulary and math) on the General Test of the Graduate Record Exam
   - Between 2.75 and 3.24 in the undergraduate major, 2.75 in the last 60 units, and quality professional experience as evaluated by the M.P.A. coordinator based on job description, resume, two letters of reference and four years of professional administrative service
At least a 2.75 in the last 60 semester units and completion of the first 12 units of adviser-approved coursework in this program with a grade-point average of 3.25.

4. scores a minimum of 570 on the TOEFL (international students); and

5. approval of a study plan through consultation with the M.P.A. coordinator.

M.P.A. Study Plan

The degree study plan requires adviser-approved coursework. Three units of internship may be included in the total. The study plan must meet the following requirements:

- Core Courses (18 - 24 units)
  - POSC 497 Internship in Public Administration (3) (required if no previous public sector administrative working experience)
  - POSC 509 Administrative Organization and Process (3) (required if no previous introductory course in public administration taken within the past three years)
  - POSC 521 Seminar in Public Administration Theory (3)
  - POSC 523 Administrative Research and Analysis (3)
  - POSC 526 Administration and Systems Management (3)
  - POSC 571 Seminar in Public Finance (3)
  - POSC 572 Seminar in Public Sector Human Resources Management (3)
  - One of the following – POSC 519, 525, 528

- Successfully pass a written comprehensive examination, or, with the approval of their concentration and M.P.A. adviser, choose either POSC 597 (project) or POSC 598 (thesis) in lieu of the comprehensive examination. The project and thesis each earn three units of coursework and include a final oral defense.

- A minimum of half the units must be completed at the 500-level.

- No more than nine units of postgraduate coursework taken prior to classified standing may be applied to the master's degree program.

Criminal Justice Concentration

In addition to the required core courses, take:

- POSC 560 Seminar in Administration of Justice (3)
- POSC 582 Organizational Development and Change (3)

One of the following:

- POSC 519, 525, 580

Adviser-Approved Electives (6-12 units)

Human Resources Concentration

In addition to the required core courses, two of the following:

- MGMT 441, 542
- POSC 475, 522, 582

Adviser-Approved Electives (6-12 units)

Public Finance Management Concentration

In addition to the required core courses, two of the following:

- ECON 461, 516
- POSC 529

Adviser-Approved Electives (6-12 units)

Urban Management Concentration

If not taken as a core course, take POSC 525

One or both of the following:

- GEOG 478 Urban Dynamics and Planning (3)
- GEOG 484 Urban Planning Methods (3)

Two of the following:

- (Only one if taking GEOG 478 and 484)
  - ENST 595T
  - GEOG 488
  - POSC 427, 519, 529, 580

Adviser-Approved Electives (6-12 units)

PUBLIC ADMINISTRATION COURSES

Courses are designated as POSC (Political Science) in the class schedule. Please refer to the Political Science Department catalog section for course numbers and descriptions.
INTRODUCTION

Mission – The Department of Radio-TV-Film at California State University, Fullerton (CSUF), offers a comprehensive curriculum and active learning environment to prepare students for meaningful and rewarding careers in film and telecommunication – broadcast, cable, satellite, wireless, digital and interactive media.

Curriculum – The Bachelor of Arts degree includes a variety of courses in critical studies, production, industry relations and writing, and examines many aspects of the electronic media and cinema.

The Master of Fine Arts degree is an intensive, two-year program focusing on writing for film, television and other narrative media, and includes courses to better prepare students to enter the professional film and television community.

People – Professionally engaged faculty and staff challenge students to expand their knowledge and skills through intellectual inquiry and creative projects, encouraging them to become critical lifelong learners and ethical media content creators.

Radio-TV-Film is one of three departments in the College of Communications providing access to the vibrant and media-rich Orange County and Los Angeles Basin.

LEARNING GOALS AND STUDENT LEARNING OUTCOMES

The following goals and learning outcomes have been established for students pursuing a degree in Radio-TV-Film:

Critical thinking, research, and analysis
- Apply critical thinking, research, and analysis to accomplish professional and personal goals

Professional practice
- Demonstrate skills and knowledge for entry into professional practice

Writing proficiency
- Demonstrate writing proficiency appropriate to the entry level of professional practice

Equipment and technologies
- Demonstrate effective use of equipment and technologies appropriate to the entry level of professional practice

Theoretical concepts
- Apply effectively appropriate concepts and theories of film and/or the electronic media

Diversity sensitivity
- Demonstrate sensitivity to diversity in all areas of the film and electronic media
Historical, legal, and ethical issues

- Demonstrate a basic knowledge of historical, legal, and ethical issues

**BACHELOR OF ARTS IN RADIO-TV-FILM (120 UNITS)**

The Bachelor of Arts degree in Radio-TV-Film ( RTVF ) requires 48 units in the major, including three core courses in RTVF, one RTVF production course, eight elective courses in RTVF and four collateral courses, either within RTVF or approved courses in other departments.

**Required Core Courses (9 units)**

RTVF 100 Introduction to Radio-TV-Film (3)
RTVF 350 Story Structure (3)*
RTVF 495 Internship in RTVF (3)

**Production Courses (3 units)**

RTVF 220 TV Studio Production (3)
RTVF 225 Production for Non-Production Majors (3)
RTVF 325 Production for Production Majors (3)

**Electives (24 units minimum)**

Course options for electives are listed on the department website at http://communications.fullerton.edu/rtvf/index.html. Please verify course choices with faculty.

* Meets upper-division writing requirement for Radio-TV-Film majors.

**MINOR IN RADIO-TV-FILM (21 UNITS)**

RTVF 100 Intro to Radio-TV-Film (3)
RTVF 350 Story Structure (3)
RTVF 220 TV Studio Production (3)
OR RTVF 225 Production for Non-Production Majors (3)

Plus four courses (12 units) from the RTVF elective checklist.

See department website at communications.fullerton.edu/rtvf for a listing of these courses.

**MASTER OF FINE ARTS IN SCREENWRITING (42 UNITS)**

The Master of Fine Arts in Screenwriting in Radio-TV-Film is designed to be a two-year program. The core curriculum is in place and each admitted class proceeds through the prescribed coursework. The program culminates with two scriptwriting works, as well as a thesis project.

Within the 30 units of writing coursework, 12 are divided among film and television studies and production-related coursework. Students may choose to add graduate-level electives, which must be approved by the M.F.A. in Screenwriting faculty.

RTVF 480 Management in RTVF (3)
RTVF 512 American Television History (3)
RTVF 515 Film Theory and Criticism (3)
RTVF 520 Advanced Scene Study (3)
RTVF 550 Story Structure and Draft (3)
RTVF 551 Sitcom Writing: Spec and Draft (3)
RTVF 552 One-Hour Drama: TV Spec and Pilot (3)
RTVF 553T Genres for Writers (3)
RTVF 555 First Draft Screenplay (3)
RTVF 556 Screenplay: Rewrite (3)
RTVF 562 Media Literacy and Ethics (3)
RTVF 580 Writing Project #1 (3)
RTVF 581 Writing Project #2 (3)
RTVF 597 Final Project (3)

**RADIO-TV-FILM COURSES**

Courses are designated as RTVF in the class schedule.

**100 Introduction to Radio-TV-Film (3)**

Overview of the history, structure and function of the radio, TV and film industry. Includes current issues, relevance to society, employment options and other topics. One or more sections offered on line.

**210 Introduction to Audio Production (3)**

Foundational theory and practice of audio production as it pertains to radio, TV and film. Covers broadcasting, recording, editing and mixing. Emphasizes aesthetics and techniques to ensure high quality sound. Uses a digital lab. (2 hours discussion, 3 hours laboratory)

**220 TV Studio Production (3)**

Introduction to multiple-camera, live-on-tape, studio production. Theory and practice of producing programs live. Students crew all positions, including writer, producer, director, assistant director, lighting director, floor manager, camera operator, video switcher, audio engineer, video engineer, recording engineer and graphics operator. (2 hours discussion, 3 hours laboratory)

**225 Production for Non-Production Majors (3)**

Introduction to single-camera video production designed for non-production majors. Theory and practice of producing projects on location. Preproduction, production and post-production using digital cameras and nonlinear editing. Students crew productions, including writer, producer, director, videographer, sound recorder and editor. (2 hours discussion, 3 hours laboratory)

**250 Writing Short Scripts (3)**

271 American Film 1: Beginnings – 1945 (3)
History of American film and film style from the beginnings to 1945. Relation to socio-historical, economic, political, cultural, artistic and technological contexts.

272 American Film 2: 1945 – Present (3)
History of American film and film style from the post-war period to modern times. Relation to socio-historical, economic, political, cultural, artistic and technological contexts.

300 Language of Film (3)
Prerequisite: completion of G.E. Category A.3. Visual and syntactic components of the motion picture. Detailed analysis of frame, line, space, shape, image size, movement, tone, color and structuring of visual images. One or more sections offered online.

301 Critical Studies Film (3)
Formal film analysis in terms of filmic and stylistic elements. How films produce meanings.

302 Critical Studies TV (3)
Prerequisite: G.E. Category A.3. Formal structures (formats, narratives, genres) and styles of American television. How the medium makes its meanings.

310 Advanced Audio Production (3)
Prerequisite: RTVF 210. Advanced audio projects for radio, TV, film and the internet, including digital storage and distribution. Complete the audio production process, from pre-production through postproduction, applying aesthetic concepts and hands-on skills. (2 hours discussion, 3 hours laboratory)

315 Live Radio Production (3)
Prerequisite: completion of G.E. Category A.1. Concepts and techniques of live radio production. Produce weekly, two-hour, live radio talk shows with segments. Includes all aspects and positions: planning, writing, producing, interviewing, promoting, engineering, recording, hosting and the like. (2 hours discussion, 3 hours laboratory)

330 Film Production 1 (3)
Prerequisites: RTVF 300, 325. Introduction to theory and practice of motion picture photography and film production. Create short projects, shooting film and editing digitally. Additional cost for film development and digital transfer. (2 hours discussion, 3 hours laboratory)

341 Film-TV Industry (3)
Prerequisite: Completion of G.E. Category C.2. Analyzing, decoding and evaluating how film, television, radio and the Internet function. Multiple topics related to creating motion, image and sound media, including development, contracts, agents, applied legal concerns, professional issues, pre-production through distribution and more.

350 Story Structure (3)
Prerequisites: ENGL 101. Analysis and development of script structure and viable, narrative story elements. Covers acts, scenes, premises, conflict, plots, characters, action, etc. Write critical analyses of professional scripts and author own treatments. Meets upper-division writing requirement for RTVF majors. One or more sections offered online.

351 TV Scriptwriting: Sitcom (3)
Prerequisite: RTVF 350. Theory, principles and practice of writing for situation comedies. Analyze scripts, study program episodes and develop and write an original story and spec script for a current half-hour, prime-time sitcom. Meets upper-division writing requirement for RTVF majors.

352 TV Scriptwriting: Drama (3)
Prerequisite: RTVF 350. Theory, principles and practice of writing for episodic television dramas. Analyze scripts, study program episodes and develop and write an original story and spec script for a current one-hour, prime-time TV drama. Meets upper-division writing requirement for RTVF majors.

353T Genres for Writers (3)
Prerequisite: RTVF 350. Film genres, classic to revisionist and their evolution and hybridization; how a screenwriter can implement and benefit from understanding film genre components.

360 Radio and TV Programming (3)

361 American TV (3)

365 Children's TV (3)
Prerequisite: completion of G.E. Category D.1. Research and literature on effects of television on children. Historical and contemporary aspects of children's TV issues, including advertising, violence, stereotyping and education. How children's TV producers use concepts related to children to design material for them.

370 World Cinema (3)
Prerequisite: completion of G.E. Category C.1. or C.2. Global influence of motion pictures. Examines various directors, film movements, national cinemas and the increasing internationalization of the world film industry.
371 Contemporary American Film (3)
Prerequisite: completion of G.E. Category C.1 or C.2. Recent American films as indicators of societal, cultural and artistic trends. Cinema in light of current theories of postmodernism and formal categories of film production.

375 Documentary Film and TV (3)
Prerequisite: completion of G.E. Category C.1 or C.2. Documentary form in film and television. Includes development, purpose and current trends. Requirements to write and produce non-fiction films for the mass media, business, education and government.

377T National Cinemas (3)
Prerequisite: RTVF 370. Analyzes a nation’s films in terms of their formal elements and how they are shaped by the historical, cultural, political, social and industry-related circumstances in which they are produced and received. Initial topics: Italy, Australasia, Japan.

381 Regulation and Censorship (3)
Prerequisite: completion of G.E. Category D.2. Function of law, policy and standards in radio, TV and film. Key regulations, including roles of commissions, courts and amendments. Key censorship practices, including language, sex and violence.

385 Radio Station Operations (3)
Prerequisite: completion of G.E. Category A.I. Concepts and practices of radio station operations, including programming, sales, promotion, traffic, billing, production, news, research and engineering. Allows for in-depth work in several areas.

410 Sound Design for Film-TV (3)
Prerequisite: RTVF 210. Acquiring, recording, editing and mixing sound for film and TV. Special emphasis on creative aspects of sound design. (2 hours discussion, 3 hours laboratory)

425 Video Production 2 (3)
Prerequisite: RTVF 300, 325. Advanced theory and practice of video production. Includes advanced shooting and editing techniques. Produce projects that may be distributed and/or entered in competitions. May be repeated once for credit. (2 hours discussion, 3 hours laboratory)

427 Documentary Production (3)
Prerequisites: RTVF 225 and 375. Preproduction, production and postproduction of documentary film or video. Documentary concepts and hands-on skills. (2 hours discussion, 3 hours laboratory)

430 Film Production 2 (3)
Prerequisite: RTVF 330. Preproduction, shooting and rough editing of a large-crew, sync-sound film. Includes planning, scouting, breakdown, budgeting, scheduling, casting, rehearsing, shooting and preliminary editing. Additional cost for film development and digital transfer. May be repeated once for credit. (2 hours discussion, 3 hours laboratory)

431 Cinematography (3)
Prerequisite: RTVF 330. Cinematographic techniques for film and video. Analyze cinematographic styles, including qualities of camera movement, lenses and lighting as expressive tools. Hands-on experience shooting scenes with film and video cameras, lighting and grip equipment. Additional cost for film development and digital transfer. (2 hours discussion, 3 hours laboratory)

434 Digital Effects for Film-TV (3)
Prerequisite: RTVF 225. Design motion graphics and visual effects for film and TV. Previsualizing, titling, matting, rotoscoping and compositing using industry-standard software. (2 hours discussion, 3 hours laboratory)

435 Directing Film and TV (3)
Prerequisite: RTVF 225. Direct for narrative film and television, including breakdowns and use of the camera as an expressive tool. Direct, shoot and edit short scenes. (2 hours discussion, 3 hours laboratory)

455 Screenwriting (3)

456 Rewriting the Screenplay (3)
Prerequisite: RTVF 455. Intensive writing course aimed at students who have completed first drafts of full-length screenplays. Complete a rewrite-polish of their scripts, learning skills to prepare them for production and entrance into the marketplace.

472 Contemporary Asian Cinema (3)
Prerequisite: completion of G.E. Category C.1 or C.2. Artistic developments in recent East and Southeast Asian cinema. Theoretical analysis and critique of directors, styles, techniques, genres and production elements.

480 Management in RTVF (3)
Prerequisite: completion of G.E. Category D.2. Management structure and issues in the RTVF industry. Audience measurement, distribution, finance, personnel, programming, regulation and sales. May include applied experience with college media activities.

495 Internship in Radio-TV-Film (3)
Prerequisites: RTVF 100, 350 and either 220 or 225. Supervised fieldwork at a radio, TV or film organization. Skill development and understanding of industry operation through hands-on experience and networking. Must submit an application one semester prior to taking through the RTVF Internship Office.
496 **Student-to-Student Tutorial (1-3)**
Prerequisites: 3.0+ GPA, senior standing, written approval from instructor and department chair. Student-to-student tutorial encourages students to learn through teaching. Work may include contact hours with tutees, tutorial preparations, consulting with instructors, reporting-analysis-evaluation of tutorial experiences, participation in university programs for tutors. Does not count toward major or minor units. Grade or Credit/No Credit.

499 **Independent Study (1-3)**
Prerequisites: 3.0+ GPA, senior standing, written approval from instructor and department chair. Independent Study is of a research or creative nature and shall culminate in a paper, project, comprehensive exam and/or performance. The student shall prepare a proposal including a statement of the basis for the final evaluation.

512 **American Television History (3)**
Prerequisite: graduate standing. Historical survey of American television from its inception to present day. Critical/theoretical approaches to studying the medium as technology, commercial entity, and social and cultural force.

515 **Film Theory and Criticism (3)**
Prerequisite: graduate standing. Major developments in film theory and criticism from the 1920s to the present, including sections on film form and medium specificity; semiotics, ideology and psychoanalysis; and feminism, queer theory, postcolonialism and postmodernism.

520 **Advanced Scene Study (3)**
Prerequisites: RTVF 550, 555. Focuses on the first draft of a full-length screenplay to enhance focus and character work on a scene-to-scene basis.

550 **Story Structure and Draft (3)**
Prerequisite: graduate standing. Structure of storytelling in film, linear and non-linear, American, Asian and European templates. Product-oriented towards detailed film treatment to serve as outline of screenplay and initial pages of screenplay.

551 **Sitcom Writing: Spec and Draft (3)**
Prerequisite: graduate standing. Write two half-hour situation comedy scripts in correct format, as well as create a premise for an original half-hour comedy series.

552 **One-Hour Drama: TV Spec and Pilot (3)**
Prerequisite: graduate standing. Analyze components for various scriptwriting tasks of episodic television dramas, as well as stress screenwriting skills, from inceptive idea to outline to drafts of one-hour scripts.

553T **Genres for Writers (3)**
Prerequisite: RTVF 550. Film genres; classic to revisionist and the constant evolution and hybridization of genres and how a screenwriter can implement and benefit from understanding genre components.

555 **First Draft Screenplay (3)**
Prerequisite: RTVF 550. Work from an approved outline or treatment to create a professional screenplay draft, using correct format and structure.

556 **Screenplay: Rewrite (3)**
Prerequisite: RTVF 550, 555. Focuses on a completed first draft of a full-length screenplay. Complete a rewrite/polish of the script; learning skills to prepare it for production and entry into the marketplace.

562 **Media Literacy and Ethics: The Biz (3)**
Prerequisite: RTVF 550, 555. Analyzing, decoding and evaluating how the entertainment media operates, focusing on television, film and internet.

580 **Writing Project #1 (3)**
Prerequisites: RTVF 550, 555, 520. From concept to outline to realized film script; working under deadline and reacting to and implementing specific notes from instructor.

581 **Writing Project #2 (3)**
Prerequisites: RTVF 550, 555, 520. From concept to outline to realized film script; working under deadline and reacting to and implementing specific notes from instructor.

597 **Final Project (3)**
Prerequisites: RTVF 550, 551, 555, 580, 581. Culminating course. Polish writing projects #1 and #2, and marketing proposal for the projects.
INTRODUCTION
The Reading Department offers a master’s degree, two advanced California certifications and a postsecondary certificate.

LEARNING GOALS AND STUDENT LEARNING OUTCOMES
The following goals and learning outcomes have been established for students pursuing graduate programs in reading:

Knowledgeable and competent specialists
• Demonstrate a strong foundation in subject matter knowledge or field of study
• Demonstrate a strong understanding and implementation of pedagogical skills or skills in chosen field
• Use technology as a resource

Reflective and responsive practitioners
• Promote diversity
• Make informed decisions
• Engage in collaborative endeavors
• Think critically

Committed and caring professionals
• Be agents for change
• Maintain professional and ethical standards
• Become lifelong learners

CALIFORNIA READING CERTIFICATE
The California Commission on Teacher Credentialing has granted approval to the Reading Department to offer coursework to meet requirements for the California Reading Certificate. Persons wishing to earn the Reading Certificate must make formal application to the university and meet the requirements of the Office of Graduate Studies and additional requirements posted on the department website.

The following courses are required to complete the certificate:
READ 501 Assessment of Professional Competencies (1)
READ 507 Reading and Thinking in the Content Areas (3)
READ 508 Teaching Reading/Language Arts in Today's Elementary Schools (3)
READ 514 Linguistics and Reading (3)
READ 516 Diagnostic-Prescriptive Teaching of Reading (3)
READ 560 The Sociocultural Context of Literacy and Learning (3)
POSTSECONDARY READING AND LEARNING CERTIFICATE

The Certificate in Postsecondary Reading and Learning is designed to prepare reading specialists for postsecondary settings, particularly at the community college level. The certificate is offered in an online format only. Persons wishing to earn this certificate must meet the requirements of University Extended Education and additional requirements posted on the department website.

The following courses are required to complete the certificate:
READ 505 Foundations of Postsecondary Reading and Learning (3)
READ 507 Reading and Thinking in the Content Areas (3)
READ 516 Diagnostic-Prescriptive Teaching of Reading (3)
READ 587 Program Management in Postsecondary Reading and Learning (3)

For further information, please contact the department office.

CALIFORNIA READING/LANGUAGE ARTS SPECIALIST CREDENTIAL

The California Commission on Teacher Credentialing has granted approval to the Reading Department to offer courses to meet requirements for the Reading/Language Arts Specialist Credential. The credential is offered in traditional and online formats.

Those wishing to earn an advanced California Reading/Language Arts Specialist Credential must make formal application to the university indicating the specific specialist credential program desired. In addition, applicants must meet the requirements of the Office of Graduate Studies and additional requirements posted on the department website.

The following courses are required to complete the credential:
READ 501 Assessment of Professional Competencies (1)
READ 507 Reading and Thinking in the Content Areas (3)
READ 508 Teaching Reading/Language Arts in Today’s Elementary Schools (3)
READ 514 Linguistics and Reading (3)
READ 516 Diagnostic-Prescriptive Teaching of Reading (3)
READ 520 Technology in Reading (3)
READ 560 The Sociocultural Context of Literacy and Learning (3)
READ 570 Leadership in Reading/Language Arts Program Development (2)
READ 581 Remediation of Reading Difficulties (5)
READ 585 Professional Development in Reading/Language Arts (3)
EDEL 511 Survey of Education Research (3)

Masters of Science in Education (Reading) (30 units)

The program is designed to help qualified individuals gain the technical knowledge and scholarship required to become reading/language arts specialists. This program prepares reading professionals who have the knowledge, skills and dispositions to effectively integrate contemporary theories of reading with sound pedagogical practice.

Admission to Graduate Standing – Conditionally Classified

University requirements include a baccalaureate from an accredited institution and a grade-point average of 3.0 in the last 60 semester units attempted (see “Graduate Admissions” section of this catalog for complete statement and procedures). In addition, an applicant must have an approved major and confer with the graduate program adviser to discuss the prerequisites for attaining classified standing.

Graduate Standing – Classified

A student who meets the admission requirements and the following requirements may be granted classified graduate standing upon the development of an approved study plan.

Study Plan

Core Courses (9 units)
EDEL 511 Survey of Educational Research (3)
READ 516 Diagnostic-Prescriptive Teaching of Reading (3)
READ 536 Curriculum Foundations, Principles and Issues in Reading/Language Arts (3)

Concentration Courses (19 units)
READ 501 Assessment of Professional Competencies (1)
READ 507 Reading and Thinking in the Content Areas (3)
READ 508 Teaching Reading/Language Arts in Today’s Elementary Schools (3)
READ 514 Linguistics and Reading (3)
READ 520 Technology in Reading (2)
READ 560 The Socio-cultural Context of Literacy and Learning (3)
READ 581 Remediation of Reading Difficulties (5)

Culminating Experience (1)
READ 595 Advanced Studies (includes comprehensive examination) (1)
OR READ 597 Project (1)
OR READ 598 Thesis (1)
REACHING COURSES

Courses are designated as READ in the class schedule.

201 Academic Reading: Analyses and Strategies (3)
   Analysis of reading and learning processes, reading interpretation and critical thinking strategies as applied to all types of academic reading; integration and synthesis of academic information.

202 Vocabulary Cognition and Reading Comprehension (3)
   Study and analysis of general and academic vocabularies and their influence on reading comprehension and communication. Language knowledge and the development of contextual analysis and word association processes in reading comprehension.

290 Critical Reading as Critical Thinking (3)
   Relationship of critical reading to critical thinking. Development of critical thinking skills with application in the interpretation, analysis, criticism and advocacy of ideas encountered in academic readings. One or more sections offered online.

340 Promoting Language and Literacy Readiness in Young Children - Reading (3)
   Prerequisites: CAS 312 or PSYC 361 or equivalent. Theories of language development. Function of receptive and expressive language development as they relate to literacy development. Relevance of family literacy as young children begin to read. Choosing appropriate books to foster language development and literacy development. Theories of early childhood classroom instruction.

480 The Teaching of Reading (4)
   Curriculum and methods in teaching reading and language arts in the elementary and secondary schools. Teachers’ manuals and guides are introduced and studied. Preparation of reading lessons for classroom settings.

501 Assessment of Professional Competencies (1)
   Assessment of professional competencies of students entering the Reading program in preparation for obtaining the Reading/Language Arts Specialist Credential. Meets graduate writing requirement for master’s degree. One or more sections offered online.

505 Foundations of Postsecondary Reading and Learning (3)
   Theoretical framework and background of field, including historical perspective, student/adult development, reading and learning theory/academic literacy, programmatic structures and components, curriculum design and contemporary issues.

507 Reading and Thinking in the Content Areas (3)
   Teaching reading and thinking in the subject area disciplines, including instructional methodology, assessment, materials and program design. One or more sections offered online.

508 Teaching Reading/Language Arts in Today's Elementary Schools (3)
   Current trends in the teaching of elementary reading/language arts. Role of the teacher as a decision-maker in the elementary reading/language arts program. One or more sections offered online.

514 Linguistics and Reading (3)
   Linguistics and its influence on reading materials and instruction. Trends in linguistics as they relate to the teaching of reading. One or more sections offered online.

516 Diagnostic-Prescriptive Teaching of Reading (3)
   Prerequisite: READ 507 or 508. Case-based study of various assessment devices and trial teaching practices essential for precise intervention in reading/language arts. Includes a model to guide in-depth analysis of a reader with attention to the influences of linguistic, social, cultural, physical, psychological, intellectual and educational factors on learning to read and reading to learn. One or more sections offered online.

520 Technology in Reading (2)
   Understanding the need for technological literacy in reading/language arts. Strengths and limitations of technology and computer applications (software/internet) for the development of classroom curriculum for reading/language arts. Designing a lesson plan for the integration of technology into today's literacy classroom, as well as introducing web page design utilizing existing free services. One or more sections offered online.

536 Curriculum Foundations, Principles and Issues in Reading/Language Arts (3)
   Develop, organize, implement and evaluate appropriate reading/language arts curriculum using instructional goals for students in pre-K through post-secondary classrooms. Curriculum foundations, research, current issues, design and practice in the area of reading/language arts. One or more sections offered online.

560 The Socio-cultural Context of Literacy and Learning (3)
   Prerequisite: EDEL 511. Theory and research in teaching reading/language arts to students with diverse cultural, racial, linguistic and socio-economic backgrounds. Methods and approaches for teaching literacy skills. Special emphasis on second language learners. Case study requirement. One of more sections offered online.

570 Leadership in Reading/Language Arts Program Development (2)
   Long-term planning, designing effective programs, developing leadership skills and integrating literature and skill-based instruction. One or more sections offered online.

581 Remediation of Reading Difficulties (5)
585 **Professional Development in Reading/Language Arts (3)**

Prerequisites: READ 507, 508, 514, 516. Seminar in development and evaluation of reading/language arts programs. Training in staff development and interpersonal relations with teachers, parents, consultants and administrators. Writing for publication, grant proposal writing and other professional responsibilities.

587 **Program Management in Postsecondary Reading and Learning (3)**

Prerequisites: READ 505, 507 and 516. Multifaceted components related to the administration, management and supervision of a post-secondary reading and learning program, as well as the current issues and trends in program management.

595 **Advanced Studies (1)**

Prerequisite: READ 516. Graduate seminar designed to synthesize and evaluate knowledge in such areas as behavior, teaching strategies, educational technology, program development, communication theory and interpersonal relations related to reading/language arts, and apply these understandings to authentic professional challenges.

597 **Project (1-3)**

Prerequisite: consent of instructor or graduate adviser. Individual research on an empirical project, with conferences with the instructor, culminating in a project.

598 **Thesis (1-3)**

Prerequisite: consent of instructor or graduate adviser. Individual research with conferences with the instructor, culminating in a thesis.

599 **Independent Graduate Research (1-3)**

Prerequisite: consent of instructor or graduate adviser. Independent inquiry for qualified graduate students.