

# "P" Course Descriptions

*Click on the course area below to get to the exact page.*

**PARALEGAL**

**PERSONAL DEVELOPMENT**

**PHARMACY TECHNICIAN**

**PHILOSOPHY**

**PHYSICAL EDUCATION**

**(P.E.) PHYSICAL EDUCATION**

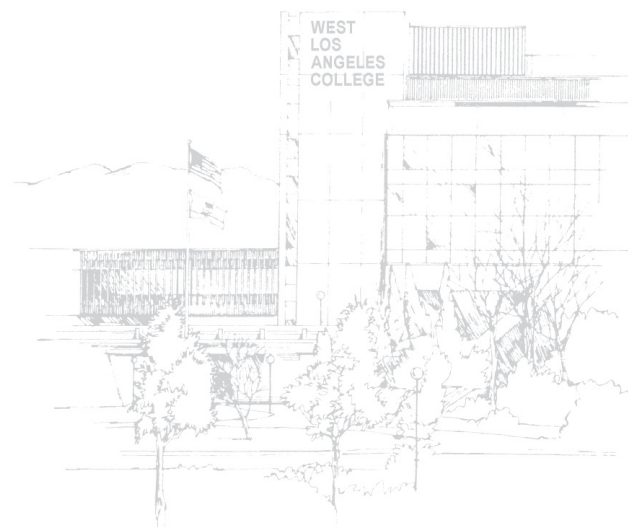
**PHYSICAL SCIENCE**

**PHYSICS**

**PHYSIOLOGY**

**POLITICAL SCIENCE**

**PSYCHOLOGY**



### **398 Geriatric Care Technician (4)**

*Prerequisite: Nursing 399A.*

This is a specialized program that expands and enhances the theoretical and clinical skills of the Certified Nurse Assistant (CNA) with regards to care of the seniors. The Geriatric Care Technician is a new role that meets increased needs of an aging population.

### **399 Certified Nurse Assistant / Certified Home Health Aide (7)**

*Modularized Courses Listed Below.*

Introduction to the health care field, working with residents/patients in the long term care facility, the acute care setting, and the home care setting. Emphasis is given to safety principles, infection control, methods for providing physical care, and emotional and social support.

### **399A Certified Nurse Assistant (5)**

*Recommended: English 28.*

### **399B Certified Home Health Aide (2)**

*Prerequisite: Successful completion of 399A, or State of California Certification as a Certified Nurse Assistant.*

---

## OCEANOGRAPHY

(Also see Earth Science, Environmental Science, and Geography)

### **1 Introduction to Oceanography (3) UC:CSU**

The student is introduced to the general field of oceanography, including a study of the features of the sea floor, the chemical and physical properties of sea water, currents, tides, waves and their effects on marine organisms. Special reference is made to the Southern California environment and the problems of people and the sea.

---

## PARALEGAL STUDIES

### **3 Civil Rights and the Law (3) CSU**

This course presents a comparative and analytical study of the law and related problems concerning the Bill of Rights and the U.S. Constitution. Life and the death penalty, freedoms of speech and press, freedom of religion, racial and sexual equality, and privacy are some of the topics under consideration, with emphasis on recent court decisions and current events.

### **4 Legal Internship (3) (RPT 1)**

*Prerequisite: Paralegal 10 and English 101.*

Directed field work in selected private law firms or public institutions of legal assisting are assigned to individual students. An effort is made to rotate office assignments.

### **10 Introduction to Law and Legal Profession (3) CSU**

An introductory course in formalizing the career of the legal assistant, an introduction to law, social forces and the law, comparison of the role of the legal assistant and the lawyer, and an introduction to legal terminology and bibliography, including research problems.

### **11 Introduction to Civil Litigation (3) CSU**

*Prerequisite: Paralegal 10 and English 101.*

This course is a continuation of Paralegal 10 with a study of the composition, location and jurisdiction of all courts, a study of document production and administration within the judicial structure, a detailed examination of civil and criminal litigation, and an introduction to legal drafting and writing.

### **12 Tort Law (3)**

*Prerequisite: Paralegal 10 and English 101.*

A study of the fundamental principles of the law of torts, including insurance and an examination of the techniques of investigation involved in the lawyer's handling of tort and insurance claims.

### **13 Wills, Trusts, and Probate Administration (3)**

*Prerequisite: Paralegal 10*

A study of the fundamental principles of the law of wills and trusts, including simple will and trust forms; an examination of the organization and jurisdiction of a California Probate Court; and the administration of estates in California Probate Courts.

### **14 Law Office Management and Procedures (3)**

*Prerequisite: Paralegal 10*

A study of the basic objectives of the management of a law office; a study of hardware and software used in a law office; an examination of indexing and filing principles; law office manuals; a study of basic accounting principles; practice in and study of law office correspondence.

### **16 Civil and Criminal Evidence (3)**

*Prerequisite: Paralegal 10 and English 101.*

This is a study of the rules of civil and criminal evidence and the admissibility of such evidence in court; deposition comprehension and use in court; interrogatory summarizing and use in court.

### **17 Legal Writing (3)**

*Prerequisite: Paralegal 10 and English 101.*

This course covers advanced legal drafting and writing, including special research and projects.

### **18 Family Law (3)**

*Prerequisite: Paralegal 10 .*

This course surveys family practice and procedure topics including: parental prerogatives, marriage, separation, divorce, custody and support, adoption and guardianship. Students learn to conduct client interviews, and draft pleading necessary to the general practice of family law.

### **19 Property and Creditor Rights (3)**

*Prerequisite: Paralegal 10*

This course is a study of the law of property including: community property, joint tenancy, leases, deeds, contracts, escrows, deeds of trust, the system of recording and search of public documents, bankruptcy laws and forms and evictions (unlawful detainer actions). The student will also study secured transactions, collateral, purchase money secured interest, liens, attachment, garnishment, and other creditor's remedies. This course introduces the student to the nature of property and personalty, acquiring and owning property, real property, and the landlord-tenant relationship.

**20 Probate Procedures (3)**

*Prerequisite: Paralegal 10 and Paralegal 13.*

A comprehensive study of methods for fact gathering, office procedures, and required court work involved in the handling of probates of both testate and intestate decedents.

**33 Entertainment Law (3) CSU**

*Prerequisite: Paralegal 10*

This course presents an overview of the legal aspects in the entertainment industry. Students will be exposed to legal aspects of contractual agreements, copyright requirements, privacy, regulations of the Federal Communications Commission, libel and slander, freedom of speech and press, publishing rights, trademarks, unions, and related concerns.

**35 Immigration Law (3) CSU**

*Prerequisite: Paralegal 10*

This course is a study of concepts of immigration law including grounds of exclusion, defense to deportation, petitions and visa applications. Research and writing will be emphasized in the areas of amnesty, naturalization, citizenship, international law and criminal aspects of immigration.

---

## PERSONAL DEVELOPMENT

**1 Introduction to College (1) NDA (RPT 1)**

This course covers educational and vocational planning, including preparation of a detailed term-by-term plan, fixing of goals and objectives, career guidance, library skills, institutional roles and governance, student government, and deficiencies in preparation with relation to objectives and study skills.

**4 Career Planning (1) CSU**

This class examines the career developmental concepts of awareness and implementation (decision-making) as they relate to the self and the world of work. Students will develop a personal decision-making strategy utilizing the skills obtained in the class. The class will emphasize the philosophy and importance of career development and personal interests, values, and skills as well as occupational resources. Other topics include the personality type/work environment relationship, a work environment analysis, and educational planning.

**5 College Survival (2) CSU (RPT 1)**

This course will enable students to survive and succeed in a college program. Emphasis will be placed on making informed decisions, developing study skills, learning productive time management techniques, financial planning, and other personal skills.

**6 College and Career Planning for the Handicapped (1)**

This course is designed to assist students with disabilities in the exploration and development of career goals, with an emphasis on individual interests and lifestyles, values, personality traits and abilities. Topics covered include vocational assessment, career exploration, résumé writing, interview skills, and job-seeking strategies. Workplace accessibility issues and the impact of the Americans with Disabilities Act (ADA) will be discussed.

**8 Career Planning and Development (2) CSU**

This course is an introduction to career planning and is designed for students who are considering vocational careers. The focus is on a comprehensive career and personal evaluation, developing an appropriate educational plan, and utilizing a personal career strategy.

**17 College Survival Skills Development (1) CSU**

This course provides the student with a variety of survival skills necessary to become a successful college student, including instruction on study skills, time management, stress management, identifying educational and career goals, and utilizing library resources, among other topics.

**20 Post Secondary Education - The Scope of Career Planning (3) UC:CSU**

This course provides students with the information to make appropriate educational, career and lifestyle choices. Topics examined include educational programs and their requirements, career resources and the career decision making process, career planning, personal assessment, steps for success, values clarification, exploring personality and interests, skills assessment, the world of work, career options, making decisions, job search, preparing a winning resume, interviewing skills, and strategies for managing a career. Students will design their own educational plan.

**40 College Success Seminar (3) UC:CSU**

This course will examine issues related to higher education that impact student success. Topics will include an overview of academic success skills, value and purpose of higher education, diversity in higher education, learning styles and memory, WLAC college policies and resources, health and wellness issues, decision making, factors that impact lifelong learning, effective oral, interpersonal and written communication strategies, critical thinking, career exploration and educational planning.

---

## PHARMACY TECHNICIAN

**21 Retail Products for Pharmacy Clerks/Technicians (3)**

This course is designed for the Pharmacy student to provide basic knowledge about Over-the-Counter (OTC) products in relation to their accepted therapeutic uses. Students will understand the steps involved in safely choosing a non-prescription product.

**23 Introduction to Pharmacy (2)**

In this course students will understand the roles and opportunities open to pharmacy clerks and technicians in various practice settings. Students will be introduced to pharmaceutical dosage forms, the drug development process, and drug classification systems. This course also includes an introduction to prescription labeling and to the law and ethics for pharmacy practice.

**24 Introduction to Pharmacy Skills (1)**

*Corequisites: Pharmacy Tech 23*

This course is designed to provide the student with hands-on experience as a pharmacy clerk working in simulated pharmacy setting.

## COURSE DESCRIPTIONS

### 25 Pharmacy Clerk Clinical Experience (1.5)

*Prerequisites: Pharmacy Tech 24; Corequisites: Allied Health 56 and 57*

This course is designed to provide the student with pharmacy clerk practical experience in selected outpatient community pharmacy settings working under the supervision of a licensed pharmacist.

### 29 Body Systems I (3)

*Recommended: English 28*

In this course students will learn the use and side effects of prescription medications, nonprescription medications and alternative therapies used to treat diseases affecting the muscular, skeletal, respiratory, renal, cardiovascular, and hematologic systems. Students will first master an understanding of basic anatomy and physiology and learn the brand and generic name, standard pronunciation, and routes of administration for each medication studied. Students will also learn medical terminology and abbreviations associated with the use of medication therapy affecting the body systems studied.

### 30 Body Systems II (3)

*Recommended: English 28*

In this course students will learn the use and side effects of prescription medications, nonprescription medications and alternative therapies used to treat diseases affecting the nervous, endocrine, gastrointestinal, reproductive, immune, ears/nose/throat, and dermatologic systems. Students will first master an understanding of basic anatomy and physiology and learn the brand and generic name, standard pronunciation, and routes of administration for each medication studied. Students will also learn medical terminology and abbreviations associated with the use of medication therapy affecting the body systems studied.

### 31 Pharmacy Calculations (2)

*Recommended: Math 105*

In this course students will learn calculations related to drug dosage, measurements of strength and preparation of medications. This course also includes inter-conversion of units in the metric and common systems of measurement. Emphasis is placed on unit-cancellation for solving pharmacy problems. This course includes a strong verbal component.

### 32 Pharmacy Operations (4.75)

*Prerequisites: Pharmacy Tech 23, 29, and 31*

In this course students will become competent in handling and preparing medications in both the outpatient and compounding pharmacy settings in a manner consistent with the legal and ethical guidelines. After successful completion of this course, the student will have the skills needed to begin an outpatient pharmacy externship.

### 33 Essential of Pharmacy Skills (0.5)

*Prerequisites: Pharmacy Tech 32*

In this course students will receive supervised instruction in the Pharmacy Technology laboratory to assist in developing competency in the technical skills required to complete Pharmacy Operations, Inpatient Pharmacy Services, Sterile Products or any of the program externships.

### 34 Community Pharmacy Externship (2.25)

*Prerequisites: Pharmacy Tech 21, 30, and 32; Allied Health 56 and 57*

In this course students practice skills developed in other courses in a community or outpatient pharmacy.

### 35 Inpatient Pharmacy Services (2)

*Prerequisites: Pharmacy Tech 23, 29, and 31*

In this course students will become competent in the technical aspects of drug distribution for the inpatient (hospital) pharmacy setting. This course includes hands-on training in medication order processing, pharmacy patient profile maintenance, medication preparation and inpatient drug distribution using manual and automated systems.

### 36 Inpatient Pharmacy Externship (2.25)

*Prerequisites: Pharmacy Tech 35; Allied Health 56 and 57*

In this course, students practice newly developed skills in the inpatient pharmacy setting.

### 37 Sterile Products (4.75)

*Prerequisites: Pharmacy Tech 23, 29, and 31*

In this course students will learn the aseptic techniques and use of the laminar flow hood used in the preparation of sterile products. Emphasis is placed on parenteral calculations, sterile dosage forms and quality assurance procedures.

### 38 Sterile Products Externship (2.25)

*Prerequisites: Pharmacy Tech 37, Allied Health 56 and 57*

In this course students practice skills developed in the Sterile Products class in an ambulatory clinic with infusion services.

---

## PHILOSOPHY

### 1 Introduction to Philosophy (3) UC:CSU

This course examines such questions as the existence of God, the problems of evil, the nature of the soul and the origin of knowledge. It takes a historical approach to philosophical problems in the Western tradition emphasizing the development of analytic and evaluative skills. An inquiry into the nature of science, religion, metaphysics and the theory of knowledge is undertaken.

### 6 Logic in Practice (3) UC:CSU

An introduction to critical thinking, the skill of evaluating and constructing arguments as they appear in ordinary language. This course examines problems of clarity of language as they appear in a variety of disciplines such as science, the humanities, social sciences, law and business. Emphasis is placed on the practical application of logical skills to other disciplines.

### 8 Deductive Logic (3) UC:CSU

This course is an introduction to the principles of deductive and inductive reasoning emphasizing critical and evaluative skills. Introduces technical analysis of the reasoning process, categorical and propositional logic, and formal and informal fallacies. *Note: This course is an excellent preparation for the LSAT.*

### 9 Symbolic Logic I (3) CSU

This course provides an introduction to formal logic including truth, validity, truth tables, tautologies, contradictions, contingencies, quantification and methods of deduction.

### 18 Business Ethics (3) UC:CSU

This course introduces the study of values, and their importance in the practical conduct of business.

**20 Ethics (3) UC:CSU**

An inquiry into the nature of morality, and ethical theory in both historical and contemporary settings as they apply to business, the arts, science, and medicine. An analysis of utilitarianism, duty theory and virtue theory as well as contemporary moral issues such as abortion, capital punishment, animal rights, environmental issues and the role of ethics in political and social policy.

---

## PHYSICAL EDUCATION

All Physical Education classes require critical thinking to satisfactorily complete the course.

*\* UC Transfer Credit Limit: A maximum of 4 units from Physical Education 225, 230, 262, 301, 470, 506, 508, 515, 552, 553, 554, 555, 556, 557, 558, 630, 665, 666, 667, 668, 684, 690, 727.*

**131 Aqua Aerobics (1) CSU (RPT 3)**

This course is an exercise and conditioning activity class that promotes cardiovascular and muscular fitness. It is conducted in a shallow therapy pool.

**170 Walking for Fitness (1) CSU (RPT 3)**

This course focuses on achieving cardiovascular fitness and a healthy lifestyle through walking. Course topics include shoe selection, posture, gait, walking styles, flexibility, clothing, creating a walking program, and assessing fitness level.

**185 Directed Study - Physical Education (1) CSU (RPT 2)**

This course allows a student to pursue Directed Study in Physical Education on a contract basis under the direction of a supervising instructor. Enroll with instructor permission only.

**\*225 Yoga Skills (1) UC:CSU (RPT 3)**

An ancient form of movement involving prescribed postures and breathing techniques. Yoga helps to promote strength, flexibility, coordination and balance.

**229 Body Dynamics (1) CSU (RPT 3)**

This course combines aerobics with weight training and stretching for overall conditioning. Body mechanics, nutrition and diet information will also be provided.

**\*230 Weight Training Skills (1) UC:CSU (RPT 3)**

This course is for students interested in the knowledge, understanding and values of weight training and its role in developing muscular strength and endurance. This class is open to all ability levels.

**\*262 Track and Field Skills (1) UC:CSU (RPT 3)**

Track and field fundamentals are emphasized while improving the student's overall fitness and conditioning level.

**\*301 Baseball Skills (1) UC:CSU (RPT 3)**

This course will focus on developing fundamental skills, strategies, knowledge of the rules and history of baseball. An opportunity for teamwork experience and game play will be provided. Open to all ability levels.

**304 Basketball Skills (1) CSU (RPT 3)**

Students will learn to identify and demonstrate basketball terminology and rules of the game while learning basic basketball skills and fundamentals.

**313 Soccer Skills (1) (RPT 3)**

This course emphasizes fundamental soccer skills, as well as the selection and care of equipment, rules, proper etiquette, terminology and strategies of the game. The student will be introduced to individual and team offense and defense as well as terminology and the five components of fitness.

**322 Volleyball Skills (1) CSU (RPT 3)**

Course will focus on developing fundamental volleyball skills, strategies, knowledge of the game and its rules while providing an opportunity for teamwork experience and game play. This course is open to all ability levels.

**\*470 Step Aerobics Activity (1) UC:CSU (RPT 3)**

This course will teach the student how to safely exercise aerobically using a step bench.

**503 Intercollegiate Sports - Baseball (3) CSU (RPT 1)**

This course is for the Intercollegiate Sports Baseball team and will focus on throwing, fielding, hitting, base running and game strategies.

**504 Intercollegiate Sports - Basketball (3) CSU (RPT 1)**

This course is for the student athlete who is interested in competing at the intercollegiate level. The class emphasizes mastering individual fundamentals and performing complex offensive and defensive strategies.

**\*506 Intercollegiate Sports - Cross Country (3) UC:CSU (RPT 1)**

This course is designed for the athlete who is willing to compete on an intercollegiate cross country team. The course requires a minimum of 10 hours per week for practice, travel and competitive meets. The emphasis will be on teaching fundamentals and strategy.

**\*508 Intercollegiate Sports - Football (3) UC:CSU (RPT 1)**

This course is for the student athlete who is interested in competing at the intercollegiate level. The class emphasizes mastering individual fundamentals and performing complex offensive and defensive strategies.

**511 Intercollegiate Sports - Soccer (3) CSU (RPT 1)**

This course offers advanced instruction in the fundamental skills and techniques of soccer and the opportunity for practical application in intercollegiate competition. You must be enrolled in at least 12 units each semester and maintain at least C grade point average.

**\*515 Intercollegiate Sports - Track and Field (3) UC:CSU (RPT 1)**

This course is designed for the athlete who is willing to compete on an intercollegiate track and field team. The course requires a minimum of 10 hours per week for practice, travel and competitive meets. The emphasis will be on fundamentals and strategy.

**516 Intercollegiate Sports - Volleyball (3) CSU (RPT 1)**

This course offers advanced instruction in the skills and techniques of volleyball and the opportunity for practical application in intercollegiate competition. You must be enrolled in at least 12 units each semester and maintain at least C grade point average.

## COURSE DESCRIPTIONS

### **550 Cheerleading/Yell Leading (2) CSU (RPT 3)**

This course will teach and practice the techniques, skills and knowledge necessary to perform on a cheerleading or yell leading squad.

### **\*552 Athletics Pre-season Conditioning (1) UC:CSU (RPT 3)**

This course is designed for the student athlete and will cover physical conditioning, strength training and aerobic conditioning.

### **\*553 Intercollegiate Sports: Strength and Fitness Training for Football (1) UC:CSU (RPT 3)**

This course is designed for the student athlete and is intended to provide focused strength and conditioning exercises, teach safety and injury prevention and present new rules and game plays for Football.

### **\*554 Intercollegiate Sports: Strength and Fitness Training for Track and Field (1) UC:CSU (RPT 3)**

This course is designed for the student athlete and is intended to provide focused strength and conditioning exercises, teach safety and injury prevention and present new rules for Track and Field.

### **\*555 Intercollegiate Sports: Strength and Fitness Training for Cross Country (1) UC:CSU (RPT 3)**

This course is designed for the student athlete and is intended to provide focused strength and conditioning exercises, teach safety and injury prevention and present new rules for Cross Country.

### **\*556 Intercollegiate Sports: Strength and Fitness Training for Basketball (1) UC:CSU (RPT 3)**

This course is designed for the student athlete and is intended to provide focused strength and conditioning exercises, teach safety and injury prevention and present new rules for Basketball.

### **\*557 Intercollegiate Sports: Strength and Fitness Training for Baseball (1) UC:CSU (RPT 3)**

This course is designed for the student athlete and is intended to provide focused strength and conditioning exercises, emphasize safety and injury prevention and present new rules for Baseball.

### **\*558 Intercollegiate Sports: Strength and Fitness Training for Soccer (1) UC:CSU (RPT 3)**

This course is designed for the student athlete and is intended to provide focused strength and conditioning exercises, teach safety and injury prevention and present new rules and field strategy for Soccer.

### **563 Intercollegiate Sports - Strength and Fitness for Volleyball (1) CSU (RPT 3)**

This course is designed for the student athlete. It is intended to provide focused strength and conditioning and flexibility exercises, emphasize safety and injury prevention and present new rules and game plays for volleyball.

### **\*630 Aerobic Super Circuit Laboratory (1) UC:CSU (RPT 3)**

Using fundamentals of exercise physiology each student will assess his/her level of physical fitness and, using this information, develop, design and implement a personalized exercise program.

### **\*665 Basketball Skills (1) UC:CSU (RPT 3)**

This course offers instruction in all phases and fundamentals of the game of basketball, as well as developing basic fitness. Students will learn to identify and demonstrate basketball terminology and rules of the game.

### **\*666 Body Conditioning (1) UC:CSU (RPT 3)**

This course teaches physical fitness. It emphasizes aerobics, proper nutrition, flexibility, weight control and lifelong fitness habits. The heart is strengthened through aerobic exercise.

### **\*667 Flag/Touch Football Skills (1) UC:CSU (RPT 3)**

This course is designed to provide weekly participation in vigorous physical activity involving group work in flag football techniques, terminology, rules and regulations.

### **\*668 Body Dynamics Activity (1) UC:CSU (RPT 3)**

This course is a combination of aerobic and callisthenic activities. Emphasis is on physical fitness through regular exercise. Body mechanics, nutrition and diet information will also be provided.

### **677 Soccer (1) (RPT 3) CSU**

This class is designed to teach all levels the basic soccer skills of passing, dribbling, shooting and goal keeping. The course will also introduce individual and team offense and defense, as well as the rules, proper etiquette, terminology and the components of fitness.1)

### **\*684 Volleyball (1) UC:CSU (RPT 3)**

This course is designed to teach the basic volleyball skills of passing, setting, spiking, serving and blocking. The course will introduce individual and team offense and defense systems, as well as the rules, etiquette, terminology and strategies for volleyball.

### **\*690 Weight Training (1) UC:CSU (RPT 3)**

This course offers instruction and practice in physical fitness conditioning through weight training. Students will also learn weight room etiquette and spotting techniques.

### **696 Yoga (1) CSU (RPT 3)**

This course will explore various forms of Hatha Yoga; the branch of yoga that works primarily to bring balance to the body through poses (asanas), breath control (pranayama), and meditation. Yoga promotes mental, physical, and spiritual fitness in a non-judgmental and non-competitive environment. There are brief lectures covering basic information on body awareness, alignment, disease prevention, exercise precautions, body composition, flexibility, nutrition focusing on whole foods, hydration, physical fitness, nutrition myths, ethics and morality, and stress management.

### **\*727 Academic Success for the Student Athlete (3) UC:CSU**

A college orientation class to help the student athlete set educational and career goals, develop good study skills, learn job hunting skills, and become informed about college resources.

---

## (P. E.) PHYSICAL EDUCATION

(NON-ACTIVITY)

### 718 Fundamentals of Athletic Training (3) UC:CSU

This course is designed for future athletic trainers, physical educators, coaches, physical therapists and any one else who plans on working with active individuals who are prone to injury. This course introduces the concepts and practical skills of athletic training, including the prevention, recognition, evaluation, and management of athletic injuries.

---

## PHYSICAL SCIENCE

### 1 Physical Science I (3) CSU

Designed for the non-science major, this course provides an introduction to the fundamental principles of physics, chemistry, astronomy and geology. Elementary quantitative concepts are used to supplement the qualitative emphasis of this course.

### 14 Physical Science Laboratory (1) CSU

*Prerequisites: Physical Science 1.*

Designed for the non-science major, this course provides an introduction to the laboratory methods and problem-solving skills used in physical science. The experiments, along with a limited number of demonstrations that will be performed will allow students to visualize and apply basic concepts in physics, chemistry, astronomy and geology.

---

## PHYSICS

### 6 General Physics I (4) UC:CSU

*Prerequisite:* Prior or concurrent enrollment in Mathematics 241 or equivalent trigonometry. Physics 6 and 7 constitute a two-course sequence in general physics designed primarily for medicine, dentistry, pharmacy, optometry and geology majors. The areas of physics involved in this course are mechanics, energy, fluid mechanics, mechanical waves, thermal behavior, kinetic theory and the laws of thermodynamics.

*UC Transfer Credit Limit: Credit will only be given for one series - Physics 6/7 or Physics 37/38/39.*

### 7 General Physics II (4) UC:CSU

*Prerequisites: Physics 6, Mathematics 241.*

Physics 6 and 7 constitute a two-course sequence in general physics designed primarily for medicine, dentistry, pharmacy, optometry and geology majors. This course is a continuation of Physics 6, covering electricity, magnetism, electromagnetism, alternating currents, electromagnetic waves, optics, the atom, quantum physics and relativity.

*UC Transfer Credit Limit: Credit will only be given for one series - Physics 6/7 or Physics 37/38/39.*

### 12 Physics Fundamentals (3) UC:CSU

*Prerequisite:* One year of high school algebra, or Mathematics 115.

This introductory course in physics, designed primarily for liberal arts students, provides qualitative knowledge of fundamental physical principles.

*UC Transfer Credit Limit: No UC credit will be given for Physics 11 or 12 if taken after the Physics 6/7 series or the Physics 37/38/39 series.*

### 14 Physics Fundamentals Laboratory (1) UC:CSU

*Prerequisite: Physics 12 or concurrent enrollment in Physics 12.*

This course is designed for those liberal arts students who are taking or have taken Physics 12 and who wish or need to have a laboratory experience as part of their physical science education. The course consists of a large number of physical science experiments.

### 37 Physics for Engineers and Scientists I (5) UC:CSU

*Prerequisite: Mathematics 261 with a grade of "C" or better.*

*Corequisite: Mathematics 262.*

This course is the first semester of a three-semester calculus-level sequence in introductory physics. Topics studied include kinematics, particle dynamics, momentum and impulse, work-energy, rotational dynamics, statics, oscillations, gravitation, mechanics of solids and fluids, and special relativity.

*UC Transfer Credit Limit: Credit will only be given for one series - Physics 6/7 or Physics 37/38/39.*

### 38 Physics for Engineers and Scientists II (5) UC:CSU

*Prerequisites: Physics 37, Mathematics 262.*

*Corequisite: Mathematics 263.*

This is the second semester of a three-semester calculus-level sequence in introductory physics. Topics studied include electric fields, magnetism, electrical and magnetic properties of matter, direct and alternating current circuits, Maxwell's equations, electromagnetic waves and wave theory.

*UC Transfer Credit Limit: Credit will only be given for one series - Physics 6/7 or Physics 37/38/39.*

## PHYSIOLOGY

(Also see Anatomy)

### 1 Introduction to Human Physiology (4) UC:CSU

*Prerequisite: College Biology 3 or 3A and 3B with a grade of "C" or better.*

This course presents the biochemical and biophysical principles underlying the physiological processes of the human being. Lecture topics include the neural and hormonal regulation of bodily processes, and the integration of the organ systems to maintain a constant fluid environment within the body. Special emphasis will be placed on the evaluation of body temperature, blood pressure, breathing, and urine output, as well as the interpretation of clinical laboratory tests. Laboratory exercises will introduce the student to the spectrophotometer, EKG machine, blood pressure cuff, and urinalysis tests. This course is intended to meet the requirements of students majoring in Nursing, Dental Hygiene, Occupational Therapy, Psychology, Physical Education, and Life Sciences, or for those who wish to extend their knowledge of the human body beyond the scope of introductory biology.

## POLITICAL SCIENCE

### 1 The Government of the United States (3) UC:CSU

This course deals with the principles, problems, structures, and functions of United States and California governments. The topics covered will be political concepts, ideology and government, the Constitution, Federalism, Congress, the presidency, the judiciary, civil rights and civil liberties, the media, elections, political parties, interest groups, California and the nation, the California Constitution, the state legislature, the state's plural executive, and the state judiciary.

### 2 Modern World Governments (3) UC:CSU

A comparative study is made of the major governments of the developed world in terms of their institutions, ideologies, political habits and foreign policies. Emphasis is placed upon the European governments of Great Britain, France, Germany, and Russia.

### 4 Introduction to State and Local Governments (3) CSU

This general survey course introduces students to the various functions, structures and services of state governments, their relation to local governments, and their interrelationships with the federal government.

### 7 Contemporary World Affairs (3) UC:CSU (RPT 1)

This course surveys the factors involved in international relations today. Emphasis is placed upon regional and global affairs, providing students with a framework for analysis.

### 14 Government and Politics in the Middle East (3) UC:CSU

This course surveys the culture, history, and resources of the countries in the region and their relationship with each other and with Western World.

## PSYCHOLOGY

### 1 General Psychology I (3) UC:CSU

This course presents an overview of the major fields of psychology, including research methods, learning and conditioning, biopsychology, memory, intelligence, health psychology, motivation and emotion, perception, human development, social psychology, personality, psychotherapy, and abnormal psychology. The history of modern psychology and its roots in philosophy is presented. Particular attention is given to the application of psychological concepts to the problems people find living in contemporary society.

### 2 General Psychology II (3) UC:CSU

*Prerequisite: Psychology 1.*

This course examines behavior from a biological, physiological approach. A detailed examination of the anatomy and physiology of the neuron and brain is provided, including the central, peripheral and autonomic nervous systems. Sensory systems are presented, including vision, audition and somato-sensory. A biopsychological perspective is taken to study motivation, emotion, language, sleep, consciousness, sexual behavior, and mental illness.

### 13 Social Psychology (3) UC:CSU

Studies individual behavior as it affects others and as it is affected by others. Main topics include: Aggression, Attitudes, Discrimination and Prejudice, Conformity, Compliance, and Obedience, Group Behavior, Interpersonal Relationships, Persuasion, Prosocial Behavior, "The Self," and Social Cognition.

### 14 Abnormal Psychology (3) UC:CSU

This course deals with maladaptive or abnormal behavior of human beings. Topics covered include history of abnormal psychology, classifications, clinical frameworks, causal factors, treatment and outcomes of maladaptive behavior, assessment utilizing the DSM-IV, therapy, and prevention. Major categories of mental disorders are presented including mood, anxiety, stress, somatoform, disassociative, psychosexual, personality, and schizophrenia.

### 16 Intimacy, Marriage, and Family Relationships (3) CSU

This course deals with the psychological aspects of dating, love, and marriage. It is designed to provide students with a basic positive attitude toward the potential of marriage and to prescribe the circumstances that make the marital union an opportunity for a growing, greater, "other-centered" self-realization.

### 37 Psychology of Codependency and Family Systems (3) CSU

*Prerequisite: Psychology 64 and 65.*

This course examines the issues and problems in relationships between the chemically dependent person and his/her friends, family, colleagues in the workplace, and love relationships.



**41 Life-Span Psychology: From Infancy to Old Age (3) UC:CSU**

This course presents the psychological development of the person from the prenatal period through old age and death. Each of the eleven stages of life is presented. Emphasis is placed on theories and their application to the behavioral, cognitive, social and biological aspects of human development. Psychosocial and life-span approaches are employed to illustrate the interconnectedness of all stages of life.

**43 Principles of Group Dynamics I (3) CSU**

Using the class as a group, principles of group dynamics are studied from both experiential and theoretical perspectives. Related topics include historical developments, dynamics, leadership, diversity, assessment, treatment, and practice in a group situation.

**52 Psychological Aspects of Human Sexuality (3) UC:CSU**

This course addresses the psycho-sexual development of the individual and the values that are learned in our culture and comparative information from other cultures. The history of attitudes toward sexuality in America is studied. The anatomy and physiology of the human reproductive system, the physical and emotional orgasmic response, life-long development, sexually transmitted diseases, myths and misconceptions about the sexual response, sexual variance and dysfunction are presented. The interaction of personality and sexual behavior is explored. The student can achieve an understanding of his or her own unique sexuality.

**63 Alcohol/Drug Studies: Prevention and Education (3) CSU**

This course focuses on drug and alcohol abuse prevention in different communities including families, schools, and the workplace. Strategies for implementing programs and obtaining government approvals are presented. Relapse issues and cultural differences are also considered.

**64 Introduction to Alcohol and Drug Abuse (3) CSU**

This survey course includes drug classification, drug physiology and psychopharmacology, theories of addiction, history and theories of treatment, dual diagnosis, drug testing and social policy, recovery and rehabilitation, and other related topics. This course is also the introductory course for drug and alcohol counseling programs.

**65 Chemical Dependency: Intervention, Treatment and Recovery (3) CSU**

An introduction to treatment and recovery from drug and/or alcohol addiction including the physiology of addiction, criteria of addiction, and the various treatment modalities with an emphasis on family and different populations. Other aspects include models of recovery, rehabilitation, relapse, and aftercare.

**67 Counseling Techniques for the Chemically Addicted (3) CSU**

*Prerequisite: Psychology 64.*

This course emphasizes counseling techniques for the chemically addicted. Major elements include ethics and confidentiality, interview and assessment techniques, observation and listening skills, dual diagnosis, crisis intervention, and documentation processes.

**68 Biopsychology of Chemical Dependency: Drugs, Behavior, and Health (3) CSU**

*Prerequisite: Psychology 64.*

This course offers comprehensive instruction on the pharmacological and behavioral effects of all major categories of both legal and illegal psychoactive substances, including an overview of contemporary and historical drug regulation and abuse, and a detailed review of the nervous system.

**84 Fieldwork I, Alcohol/Drug Studies (3) CSU**

*Prerequisites: Psychology 43, 64, 65 and 67.*

This is the first of two required internship classes in the Alcohol/Drug Studies program. It provides observation and interaction opportunities with clients and counselors at provider clinics. This course satisfies half of the fieldwork hours required by CAADE. *Note: Students must provide their own transportation to clinic sites.*

**85 Fieldwork II, Alcohol/Drug Studies (3) CSU**

*Prerequisite: Psychology 84.*

This is the second of two required internship classes in the Alcohol/Drug Studies program. It provides observation and interaction opportunities with clients and counselors at provider clinics. This course satisfies half of the fieldwork hours required by CAADE. *Note: Students must provide their own transportation to clinic sites.*

**185 Directed Study - Psychology (1) CSU****285 Directed Study - Psychology (2) CSU****385 Directed Study - Psychology (3) CSU**

Allows a student to pursue Directed Study in Psychology on a contract basis under the direction of a supervising instructor.

---

## REAL ESTATE

**1 Real Estate Principles (3) CSU**

This beginning course in real estate fundamentals is required for the real estate salesperson's license, and is highly recommended as a foundation course in real estate. Real estate economics, terminology and definitions, real estate law, ownership rights, real estate investment and career opportunities, as well as other subjects vital to a basic understanding of real estate are covered. *Note: This course is required for a real estate salesperson's license; elective for the California Broker's license.*

**3 Real Estate Practice (3) CSU**

This course covers the day-to-day activities of the real estate brokerage business from the viewpoint of both the owner and the sales staff. It gives practical training in such topics as: time management, human relations, client psychology, financing, leasing, appraising and property management. *Note: This course is required for those seeking the California Broker's license.*

**4 Real Estate Office Administration (3) CSU**

Topics presented in this course include management, leadership, communications, staffing, real estate market analysis, finance, and other topics pertinent to the successful operation of a real estate office. *Note: This course may be used as an elective toward the California salesperson's license.*