About the University

CSUF
One of the best ways to prepare for a successful future is to make the most of an outstanding education.

At Cal State Fullerton, you have so many opportunities to reach your potential. Our eight colleges offer more than 100 degree programs, so you can explore new areas and find a major that’s right for you. With full overall accreditation, many of our high-quality programs are further distinguished by national accreditations and associations. A number of them have achieved national prominence because of our outstanding faculty and the achievements of our alumni.

You learn from highly accomplished faculty members who create an exceptional learning environment. We encourage you to go beyond the classroom, and apply real knowledge to real-world experiences – undergraduate research, professional internships, prestigious competitions, study abroad and more.

On our campus you experience real life – a vibrant, metropolitan university environment with real-world connections to business, government, entertainment and the arts. Take a look at our amazing facilities, and meet our students. There are nearly 37,000 who reflect California’s rich, multicultural population. Many are the first in their families to attend college. For others, joining our proud Titan alumni has become a tradition among relatives and friends.

At Cal State Fullerton you can make the most of your college experience. You meet and make lifelong friends, and have so many choices to get involved with the campus and community. What’s more, a wide network of support services will help you get started, succeed and stay on track to graduation.

Your future offers infinite possibilities. I am proud to say that Cal State Fullerton has made a difference in the lives of more than 195,000 Titan graduates, and we’re committed to making a difference in your life as well.

Milton A. Gordon
PRESIDENT
... is preeminent at California State University, Fullerton. We aspire to combine the best qualities of teaching and research universities where actively engaged students, faculty and staff work in close collaboration to expand knowledge. Our affordable undergraduate and graduate programs provide students the best of current practice, theory, and research, and integrate professional studies with preparation in the arts and sciences. Through experiences in and out of the classroom, students develop the habit of intellectual inquiry, prepare for challenging professions, strengthen relationships to their communities and contribute productively to society. We are a comprehensive, regional university with a global outlook, located in Orange County, a technologically rich and culturally vibrant area of metropolitan Los Angeles. Our expertise and diversity serve as a distinctive resource and catalyst for partnerships with public and private organizations. We strive to be a center of activity essential to the intellectual, cultural and economical development of our region.
The California State University

1 California State University, Bakersfield
2 California State University, Channel Islands
3 California State University, Chico
4 California State University, Dominguez Hills
5 California State University, East Bay
6 California State University, Fresno
7 California State University, Fullerton
8 Humboldt State University
9 California State University, Long Beach
10 California State University, Los Angeles
11 California Maritime Academy
12 California State University, Monterey Bay
13 California State University, Northridge
14 California State Polytechnic University, Pomona
15 California State University, Sacramento
16 California State University, San Bernardino
17 San Diego State University
18 San Francisco State University
19 San José State University
20 California Polytechnic State University, San Luis Obispo
21 California State University, San Marcos
22 Sonoma State University
23 California State University, Stanislaus
The individual California State Colleges were brought together as a system by the Donahoe Higher Education Act of 1960. In 1972, the system became the California State University and Colleges, and in 1982 the system became the California State University. Today the campuses of the CSU include comprehensive and polytechnic universities and, since July 1995, the California Maritime Academy, a specialized campus.

The oldest campus – San José State University – was founded in 1857 and became the first institution of public higher education in California. The newest – CSU Channel Islands – opened in fall 2002, with freshmen arriving in fall 2003.

Responsibility for the California State University is vested in the Board of Trustees, whose members are appointed by the governor. The trustees appoint the chancellor, who is the chief executive officer of the system, and the presidents, who are the chief executive officers of the respective campuses.

The trustees, the chancellor and the presidents develop systemwide policy, with implementation at the campus level taking place through broadly based consultative procedures. The Academic Senate of the California State University, made up of elected representatives of the faculty from each campus, recommends academic policy to the Board of Trustees through the chancellor.

Academic excellence has been achieved by the California State University through a distinguished faculty whose primary responsibility is superior teaching. While each campus in the system has its own unique geographic and curricular character, all campuses, as multipurpose institutions, offer undergraduate and graduate instruction for professional and occupational goals as well as broad liberal education. All campuses require for graduation a basic program of “General Education Requirements” regardless of the type of bachelor’s degree or major field selected by the student.

The CSU offers more than 1,800 bachelor’s and master’s degree programs in some 357 subject areas. Many of these programs are offered so that students can complete all upper-division and graduate requirements by part-time, late afternoon, and evening study. In addition, a variety of teaching and school service credential programs are available. A limited number of doctoral degrees are offered jointly with the University of California and with private institutions in California. In 2005, the CSU was authorized to independently offer educational doctorate (Ed.D.) programs, and a total of 10 CSU campuses currently have Ed.D. programs.

Enrollments in fall 2008 totaled almost 450,000 students, who were taught by some 24,000 faculty. The system awards more than half of the bachelor’s degrees and a third of the master’s degrees granted in California. Nearly 2.5 million students have graduated from CSU campuses since 1960.
CAMPUSSES - THE CALIFORNIA STATE UNIVERSITY

California State University, Bakersfield
9001 Stockdale Highway
Bakersfield, CA 93311-1022
Dr. Horace Mitchell, President
661-654-2782
www.csub.edu

California State University, Channel Islands
One University Drive
Camarillo, CA 93012
Dr. Richard Rush, President
805-437-8400
www.csuci.edu

California State University, Chico
400 West First Street
Chico, CA 95929-0722
Dr. Paul J. Zingg, President
530-898-4636
www.csuchico.edu

California State University, Dominguez Hills
1000 East Victoria Street
Carson, CA 90747-0005
Dr. Mildred Garcia, President
310-243-3300
www.csudh.edu

California State University, East Bay
25800 Carlos Bee Boulevard
Hayward, CA 94542
Dr. Mohammad Qayoumi, President
510-885-3000
www.csueastbay.edu

California State University, Fresno
5241 North Maple Avenue
Fresno, CA 93740
Dr. John D. Welty, President
559-278-4240
www.csufresno.edu

California State University, Fullerton
800 N. State College Boulevard
Fullerton, CA 92831-3599
Dr. Milton A. Gordon, President
657-278-2011
www.fullerton.edu

Humboldt State University
One Harpst Street
Arcata, CA 95521-8299
Dr. Rollin C. Richmond, President
707-826-3011
www.humboldt.edu

California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-0115
Dr. F. King Alexander, President
562-985-4111
www.cslub.edu

California State University, Los Angeles
5151 State University Drive
Los Angeles, CA 90032
Dr. James M. Rosser, President
323-343-3000
www.calstatela.edu

California Maritime Academy
200 Maritime Academy Drive
Vallejo, CA 94590
Dr. William B. Eisenhardt, President
707-654-1000
www.csum.edu

California State University, Monterey Bay
100 Campus Center
Seaside, CA 93955-8001
Dr. Dianne Harrison, President
831-582-3330
www.csumb.edu

California State University, Northridge
18111 Northridge Boulevard
Northridge, CA 91330
Dr. Jolene Koester, President
818-677-1200
www.csun.edu

California State Polytechnic University, Pomona
3801 W. Temple Avenue
Pomona, CA 91768
Dr. J. Michael Ortiz, President
909-869-7659
www.csupomona.edu

California State University, Sacramento
6000 J Street
Sacramento, CA 95819
Dr. Alexander Gonzalez, President
916-278-6011
www.csus.edu

California State University, San Bernardino
5500 University Parkway
San Bernardino, CA 92407-2397
Dr. Albert K. Karnig, President
909-537-5000
www.csusb.edu

San Diego State University
5500 Campanile Drive
San Diego, CA 92182
Dr. Stephen L. Weber, President
619-594-5200
www.sdsu.edu

San Francisco State University
1600 Holloway Avenue
San Francisco, CA 94132
Dr. Robert A. Corrigan, President
415-338-1111
www.sfsu.edu
San José State University
One Washington Square
San Jose, CA 95192-0001
Dr. Jon Whitmore, President
408-924-1000
www.sjsu.edu

California Polytechnic State University, San Luis Obispo
One Grand Avenue
San Luis Obispo, CA 93407
Dr. Warren J. Baker, President
805-756-1111
www.calpoly.edu

California State University, San Marcos
333 S. Twin Oaks Valley Road
San Marcos, CA 92096-0001
Dr. Karen S. Haynes, President
760-750-4000
www.csusm.edu

Sonoma State University
1801 East Cotati Avenue
Rohnert Park, CA 94928-3609
Dr. Ruben Armiñana, President
707-664-2880
www.sonoma.edu

California State University, Stanislaus
801 West Monte Vista Avenue
Turlock, CA 95382-0299
Dr. Hamid Shirvani, President
209-667-3122
www.csustan.edu

TRUSTEES AND OFFICERS OF THE CALIFORNIA STATE UNIVERSITY

Ex-Officio Trustees
The Honorable Arnold Schwarzenegger
Governor of California
State Capitol, Sacramento CA 95814

The Honorable John Garamendi
Lieutenant Governor of California
State Capitol, Sacramento CA 95814

The Honorable Karen Bass
Speaker of the Assembly
State Capitol, Sacramento CA 95814

The Honorable Jack O'Connell
State Superintendent of Public Instruction
721 Capitol Mall, Sacramento CA 95814

Dr. Charles B. Reed
Chancellor of the California State University
401 Golden Shore
Long Beach 90802-4210

CHRISTINE HELWICK
Secretary

BENJAMIN QUILLIAN
Treasurer

Appointed Trustees
Appointments are for a term of eight years, except student, alumni and faculty trustees whose terms are for two years. Terms expire in the year in parentheses. Names are listed alphabetically.

Roberta Achtenberg (2015)
Jeffrey Bleich (2010)
Herbert L. Carter (2011)
Carol R. Chandler (2012)
Debra S. Farar (2014)
Kenneth Fong (2013)
Margaret Fortune (2016)
George Gowgani (2010)
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Raymond W. Holdsworth, Jr. (2011)
Bob Linscheid (2009)
Peter Mehas (2015)
Lou Monville (2014)
Craig Smith (2009)
Glen Toney (2013)
Kyriakos Tsakopoulos (2009)

Correspondence with Trustees should be sent:
c/o Trustees Secretariat
The California State University
401 Golden Shore
Long Beach, California 90802-4210

OFFICE OF THE CHANCELLOR
The California State University
401 Golden Shore
Long Beach, California 90802-4210
562-951-4000

Dr. Charles B. Reed
Chancellor - CSU System

Dr. Gary Reichard
Executive Vice Chancellor and Chief Academic Officer

Mr. Benjamin Quillian
Executive Vice Chancellor and Chief Financial Officer

Ms. Gail Brooks
Interim Vice Chancellor, Human Resources

Ms. Christine Helwick
General Counsel

Dr. Keith Boyum
Associate Vice Chancellor, Academic Affairs

Mr. Garret P. Ashley
Vice Chancellor, University Relations and Advancement
GOVERNANCE

Governance on the campus at California State University, Fullerton is the responsibility of the president and his administrative staff. Working closely with the president are a number of faculty and student groups that initiate, review, and/or recommend for approval, various university programs, policies and procedures. Although the president is vested with the final authority for all university activities, maximum faculty and staff participation in campus decision-making and governance has become traditional. Students also are actively involved, with student representatives included on almost all university, college and departmental committees and policymaking bodies.

MISSION AND GOALS

Mission Statement

Learning is preeminent at California State University, Fullerton. We aspire to combine the best qualities of teaching and research universities where actively engaged students, faculty and staff work in close collaboration to expand knowledge.

Our affordable undergraduate and graduate programs provide students the best of current practice, theory, and research, and integrate professional studies with preparation in the arts and sciences. Through experiences in and out of the classroom, students develop the habit of intellectual inquiry, prepare for challenging professions, strengthen relationships to their communities and contribute productively to society.

We are a comprehensive, regional university with a global outlook, located in Orange County, a technologically rich and culturally vibrant area of metropolitan Los Angeles. Our expertise and diversity serve as a distinctive resource and catalyst for partnerships with public and private organizations. We strive to be a center of activity essential to the intellectual, cultural and economic development of our region.

Goals:

- To ensure the preeminence of learning.
- To provide high-quality programs that meet the evolving needs of our students, community and region.
- To enhance scholarly and creative activity.
- To make collaboration integral to our activities.
- To create an environment where all students have the opportunity to succeed.
- To increase external support for university programs and priorities.
- To expand connections and partnerships with our region.
- To strengthen institutional effectiveness, collegial governance and our sense of community.

ACCREDITATIONS AND ASSOCIATIONS

California State University, Fullerton, is accredited by the Western Association of Schools and Colleges.
Questions about accreditation may be addressed to:
Western Association of Schools and Colleges
985 Atlantic Avenue, Suite 100
Alameda, CA 94501
Phone: 510-748-9001
E-mail: WASC@WASCSENIOR.ORG
Internet: www.wascseniorg.org

Other accreditation and association recognition includes:
AACSB International - The Association to Advance Collegiate Schools of Business - Accounting Program
AACSB - The Association to Advance Collegiate Schools of Business - Business Programs
Accrediting Council on Education in Journalism and Mass Communications
American Association of State Colleges and Universities
American Chemical Society
American College of Nurse Midwives Division of Accreditation, 8403 Colesville Rd., Suite 1550, Silver Spring MD 20910
American Council on Education
Association of Public and Land-Grant Universities
California Commission on Teacher Credentialing
Commission on Accreditation of Athletic Training Education
Commission on Collegiate Nursing Education
Computing Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 – telephone: 410-347-7700
Council for Accreditation of Counseling and Related Educational Programs
Council for Advancement and Support of Education
Council of Graduate Schools
Council on Academic Accreditation of the American Speech-Language-Hearing Association
Council on Education of Public Health
Council on Social Work Education
Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 – telephone: 410-347-7700
Hispanic Association of Colleges and Universities
National Association of Schools of Art and Design
National Association of Schools of Dance
National Association of Schools of Music
National Association of Schools of Public Affairs and Administration
National Association of Schools of Theatre
National Council for Accreditation of Teacher Education

Nurse Anesthesia Council on Accreditation
Orange County Business Council
Southern California Consortium on International Studies
Western Association of Graduate Schools

ACADEMIC FREEDOM AND RESPONSIBILITY
The Academic Senate of California State University, Fullerton endorses the American Association of University Professors 1987 Statement of Professional Ethics (University Policy Statement 230.000).

HISTORY OF THE UNIVERSITY
In 1957, Cal State Fullerton became the 12th State College in California to be authorized by the Legislature. The following year a site was designated in northeast Fullerton. It was purchased in 1959, when Dr. William B. Langsdorf was appointed as founding president, the first staff was selected and plans for opening the new college were made. Orange County State College started classes for 452 full- and/or part-time students in September, 1959, using leased quarters for its administrative offices on the Fullerton Union High School campus and for its classrooms at Fullerton's Sunny Hills High School. In the fall of 1960, the college opened classes on its own campus, where it occupied 12 temporary buildings. The name changed to Orange State College in July 1962, to California State College at Fullerton in July 1964, to California State College, Fullerton in July 1968 and to California State University, Fullerton in June 1972. The first permanent building, the six-story Letters and Science Building (now known as McCarthy Hall), was occupied in 1963.

Today, there is much dramatic evidence of additional, rapid growth. A number of new buildings have been completed, and enrollment has climbed to more than 36,000. Since 1963 the curriculum has expanded to include lower-division work and many graduate programs, as well as numerous credential and certificate programs.

The Donahoe Higher Education Act of 1960 established the California State Colleges as a system under an independent Board of Trustees, redefined the functions of the State Colleges, and related them to both the community colleges and the University of California system.

In May 1971, Dr. L. Donald Shields, who had served as acting president for seven months, was appointed the second president of Cal State Fullerton. Dr. Miles D. McCarthy became acting president in January 1981; Dr. Jewel Plummer Cobb took office as the third president in October 1981; and Dr. Milton A. Gordon was appointed the fourth president in August 1990.

ENVIRONMENT OF THE UNIVERSITY
Fullerton, a city of more than 137,000 inhabitants, is located in north Orange County, about 30 miles southeast of central Los Angeles. It is part of the Southern California population center and within easy freeway access of all the diverse natural and cultural attractions of this region.
Orange County, with an area of 798.3 square miles, is the 47th in size of California’s 58 counties, but it is the third largest county in population (more than 3.1 million) and the sixth most populous county in the nation. Orange County has experienced during the last four decades almost unprecedented growth as communities continue to occupy the diminishing expanses of open land.

Today, there co-exists an interesting mixture of the old and new economic and life styles in Orange County. Underneath the soil, archeologist and bulldozers uncover traces of the hunting and gathering Indian bands who flourished at least as early as 4,000 years ago in what was a benign and bountiful region. More visible traces remain of the Spanish and Mexican periods and cultures: Mission San Juan Capistrano, which began the agricultural tradition in Orange County, and subsequent adobes from the great land grants and ranches that followed. Additionally, both customs and many names persist from this period, and so does some ranching. The architectural and other evidences of the subsequent pioneer period are still quite visible: farmsteads, old buildings from the new towns that were established in the late 1800s, mining operations, and traces of early resort and other types of promotional activities. For about 100 years, farming was the main economic activity with products such as grapes, walnuts, vegetables and oranges replacing the older wheat and cattle ranches. Today, agriculture still is very important. Orange County ranks high among California’s counties in mineral production with its oil, natural gas, sand and gravel, and clay mining and processing activities.

The extensive development of the 42 miles of beaches in Orange County and the development of such attractions as the Disneyland Resort, Knott’s Berry Farm, the Laguna Festival of Arts and Pageant of the Masters, the Honda Center, Angel Stadium, the Anaheim Convention Center and the Orange County Performing Arts Center continue to make tourism an increasingly important activity.

So does the Mediterranean-type climate, with rainfall averaging 14 inches per year, and generally mild days (either freezing or 100-degree temperatures are uncommon) with frequent morning fog during the summer. Both downtown Los Angeles and the Pacific Ocean can be reached by car in half an hour, and mountain and desert recreation areas are as close as an hour’s drive from the campus.

THE CAMPUS AND ITS BUILDINGS

Once part of a vast orange grove, Cal State Fullerton’s attractively landscaped main campus now consists of 236 acres bounded on the south by Nutwood Avenue, on the west by State College Boulevard, on the north by Yorba Linda Boulevard and on the east by the Orange Freeway (57).

The portion of Orange County immediately surrounding the campus is predominantly suburban; it includes housing tracts, apartment complexes, shopping centers and industrial parks.

Other educational institutions also are part of the immediate environment. The Southern California College of Optometry opened in the spring of 1973. It is just north of Cal State Fullerton. To Cal State’s immediate south is Hope International University, a liberal arts school with a Bible emphasis, where students started classes in the fall of 1973. Western State University College of Law occupied its new campus to the immediate west of Cal State in January 1975.

The Cal State Fullerton campus itself has an efficient urban layout of facilities developed to serve a predominantly commuting public. The university’s modern buildings were planned so that no student needs more than 10 minutes to go from one class to another. The campus is surrounded with landscaped parking areas.

The first permanent building, the Letters and Science Building, was occupied in 1963. This imposing structure, master planned to serve ultimately as a facility for undergraduate and graduate science instruction and research, has been used to house other programs until they could warrant new facilities of their own. This building is now called Miles D. McCarthy Hall.

Since 1963, growth has been rapid. The Performing Arts Center was completed in 1964, the Physical Education Building in 1965, the Library Building in 1966, the Commons in 1967, the Humanities-Social Sciences Building and Visual Arts Center in 1969, William B. Langsdorf Hall (Administration-Business Administration) and the Engineering Building in 1971, the Student Health Center in 1974, the Education-Classroom Building and University Center in 1976, an addition to the Visual Arts Center in 1979, the Jewel Plummer Cobb Residence Halls and the Charles L. and Rachael E. Ruby Gerontology Center in 1988, and the Fullerton Marriott and the Computer Science Building in 1989. The Ruby Gerontology Center was the first building on campus financed solely by contributed funds; the Fullerton Marriott, a full-service hotel, resulted from a joint venture involving the Marriott Corp., the university and the city of Fullerton.

An expansion of the Titan Student Union (formerly known as the University Center) and the Titan Sports Complex, featuring the multipurpose 10,000-seat Titan Stadium, baseball pavilion, track and tennis courts, were completed in 1992. The Titan Student Union houses a 1,200-seat pavilion, small theater, food court, pub, bowling alley and conference rooms. The five-story University Hall, with classrooms, faculty offices, and student and academic support services, was occupied in 1993, followed by the two-story Science Laboratory Center in 1994. The Science Laboratory Center was renamed and dedicated as Dan Black Hall in fall 2006. A four-story addition to the University Library was completed in 1996, and the entire complex was dedicated as the Paulina June & George Pollak Library in 1998. The 10-story College Park building on Nutwood Avenue provides additional classrooms and office space for university staff and faculty members.

Cal State Fullerton’s on-campus student-resident population more than doubled with the completion of a 440-bed student housing facility in August 2002. The new facility is adjacent to Cobb Residence Hall, an on-campus apartment complex for 396 students. A 71,000-square-foot expansion of the Kinesiology and Health Science Building was completed in 2003. The new wing includes the Wellness Center for Successful Aging, practice gymnasium, seminar rooms,
faculty offices and a 125-seat lecture hall. A new 109,000-square-foot Performing Arts Center opened in January 2006 and was named the Joseph A.W. Clayes III Performing Arts Center in September 2008. The new complex features venues that include an 800-seat concert hall, 250-seat thrust-stage theater and a 150-seat black box theater. Two parking structures – completed in 2006 and 2004 – provide on-campus parking for about 4,000 vehicles, expanding the overall number of parking spaces on campus to more than 12,400.

Steven G. Mihaylo Hall, home of the Mihaylo College of Business and Economics, opened in fall 2008. The five-story, 195,000-square-foot facility provides a state-of-the-art learning environment, including technologically advanced classrooms and lecture halls, computer labs, and houses the college’s renowned centers and institutes. Also new is a Student Recreation Center, which was completed in spring 2008. The two-story, 95,000-square-foot facility features a rock climbing wall, multicult gymnasium, one of the largest cardio/weight rooms on a West Coast campus, an outdoor leisure and lap pool, multimedia cardio room and indoor track.

In the northeast corner of the campus is the Fullerton Arboretum, which was dedicated in the fall of 1979 in a joint venture with the city of Fullerton. The 26-acre botanical garden is a living museum of rare plants from around the world. The ecologically arranged botanical collection depicts habitats from the desert to the tropics. With its ponds, streams and wildlife, it offers a tranquil retreat from our fast-growing urban life. In spring 2006, the university welcomed the opening of the Fullerton Arboretum Visitor Center and the Orange County Agricultural and Nikkei Heritage Museum, the campus’s first “green” building. The Fullerton Arboretum also is home to Heritage House, a restored 19th-century dwelling, and serves as a cultural museum for North Orange County.

Cal State Fullerton is one of the most energy-efficient campuses anywhere, and has been since the early 1990s. The university has been honored three times by the University of California/California State University Energy Efficiency Partnership Program including “Best Overall Sustainable Design” awards for the Student Recreation Center and the Fullerton Arboretum Visitor Center and Orange County Agricultural and Nikkei Heritage Museum. The awards recognize reduced use of natural resources during construction and ongoing energy conservation efforts throughout the life of new buildings and major renovations. Water savings, sustainable site development, energy efficiency, materials selection and indoor environmental quality are among the key elements considered in the design, construction and operation of green buildings. The Student Recreation Center achieved a Gold rating by the Leadership in Energy and Environmental Design (LEED) Green Building Rating System, which is the nationally accepted benchmark. The latest major building added to campus, Mihaylo Hall, operates at a LEED Silver level.

New construction projects include a new home for University Police, a third phase of student housing, a new and expanded Children’s Center and the Eastside Parking Structure. The six-level parking structure will feature approximately 1,500 spaces and will be located north of the Fullerton Marriott on the east side of campus.

The ample freeway and surface street accommodations that approach the main entrance to the university’s campus also provide comparatively easy access to the great and diverse learning resources available in Southern California: many other colleges and universities; museums, libraries and art galleries; zoos; and the wide variety of economic, governmental, social, and cultural activities and experiences that may be found in this dynamic and complex region of California and the United States.

Information concerning the instructional, laboratory and other physical facilities that relate to the academic program may be obtained from the Office of Facilities Management.

CAL STATE FULLERTON - IRVINE CAMPUS

The Irvine Campus is a branch campus of California State University, Fullerton. Located just 19 miles from the Fullerton campus, the Irvine Campus serves as a regional center for meeting the higher education needs of central and south Orange County.

The Irvine Campus offers coursework at the upper-division level (junior/senior), post-baccalaureate, and graduate levels. General education and lower-division major coursework is taken either at the main campus at Fullerton, a community college, or a private higher education institution.

The Irvine Campus facilities include an administrative center, classrooms, faculty offices, an electronic university library, computer classrooms, an open computer laboratory, a student affairs service center, an admissions, registration and cashiering center, a bookstore and food service center combined.

Students who plan to attend the Irvine Campus must be admitted to California State University, Fullerton through the regular admissions process. Applications for admission to the university are available on the Web at www.csumentor.edu.

A Community Learning and Literacy Center has been established on the campus. The center’s primary purpose is to provide educational support and services for the community, the workplace, governmental agencies and private organizations. The center subscribes to a “life cycles” needs approach, offering literacy programs and resources for children of all ages, adults, families, workers, as well as secondary and post-secondary institutions. A program-based Reading Center was established and is linked to graduate classes in the Reading Department. It is overseen by the Reading Chair and department faculty. The Center is primarily K-12 and is based in classroom settings working with children and some adults.

Student Affairs enhances and supports the academic mission of the university by implementing the concepts of student development and student services. As a resource for students, administration, faculty, staff and the broader community, Student Affairs provides a wide variety of university services such as advising, counseling, financial aid services and programs.

Academic Advising provides students with the necessary information to make sound academic decisions and educational plans. Advisers assist students with information about graduation requirements and course selection. Prospective students who wish
to transfer to the university also have the option of meeting with a transfer adviser to discuss university requirements for admission.

Financial Aid at the Irvine Campus assists students in the process of applying for financial aid and finding ways to meet educational expenses. Financial aid is designed to assist students in paying basic educational costs for eligible certificate and degree programs. There are multiple resources students can access to pay for college. Financial Aid offers grants, loans and scholarships to eligible students. Students are encouraged to meet with the financial aid adviser.

Students at the Irvine Campus have many opportunities to get involved in activities and programs. Students are invited to participate in any number of social, educational, cultural, leadership, and recreational activities. Students are encouraged to get involved in campus organizations and events to build lasting friendships, develop skills, and participate in new experiences.

The University Library at the Irvine Campus provides information and access to high-quality resources to meet the instructional and research needs of Irvine students, faculty and staff. The physical library provides computer workstations, two group study rooms, photocopier, and course reserves. Reference assistance is available in several formats: a reference librarian is available for consultation; the reference hotline provides easy access to the library staff at the main campus; through “Ask a Librarian,” students may submit reference queries via e-mail; online chat reference allows students to interact virtually in real time with a librarian. Through the library website, students have access to the library’s 100-plus databases (many full-text), NetLibrary (CSU collection of over 26,000 electronic books), discipline-specific and special topics research guides, and of course the online library catalog. Document delivery is provided through two avenues – items owned at the main campus library can be paged for delivery at the Irvine Campus, and free interlibrary loan service is available through the online ILLiad system for items not owned by the library.

Overall, students at the Irvine Campus have full access to technology linked to the Internet and to connectivity with the main campus in Fullerton.

For information, contact the CSUF Irvine Campus, 7320 Trabuco Road, Irvine, California 92618 or telephone 657-278-1600. Office hours are 8:30 a.m. to 7 p.m. Monday through Thursday, and 9 a.m. to 1 p.m. on Friday.

The Irvine Campus is open for classes 8 a.m. to 10 p.m. Monday through Thursday, and 8 a.m. to 4 p.m. on Friday and Saturday.

STUDENTS OF THE UNIVERSITY

Much of the distinctive character and learning atmosphere of any campus comes from the nature and vitality of its students. Diversity, the synthesis of academic study with work and family interests, and strong records of participation and achievement are hallmarks of the student body at Cal State Fullerton.

The university is primarily a community-based institution, with two on-campus residence facilities. The majority of our students live in Orange County. Sixty-six percent of all students take 12 or more hours of coursework each semester. Of the fall 2008 new undergraduate students, 53 percent came from California public high schools, 6 percent from California private high schools, 37 percent came from California community colleges, 1 percent from other Cal State campuses, 0.3 percent from other California colleges and universities, and 2 percent from other states or other countries. The fall 2008 new graduate students came from Cal State University campuses (55 percent), other California colleges and universities (24 percent), and other states or other countries (21 percent).

The student body is 13 percent first-time freshmen, 19 percent other lower division, 53 percent upper division, and 15 percent graduate levels. Fifty-nine percent of all students are women. The median age of all students is 22; undergraduates have a median age of 21, while graduate students have a median age of 28. Course offerings during the day and at night provide our students with flexibility in their schedules. Most students choose to attend during the daytime.

Virtually all upper-division and graduate students have declared a major field of study. Fourteen percent of our lower-division students are in the process of exploring different fields prior to declaring a major. During 2007-2008, 6,344 undergraduates received their baccalaureate degrees, and 1,328 graduates received their master’s degrees.

THE FACULTY

Central to the effectiveness of any institution of higher learning is the quality and dedication of its individual faculty members to teaching and scholarship.

In the fall of 2007, there were 834 full-time faculty and administrators and 1,300 part-time faculty members teaching on the campus. Almost all the full-time faculty had some previous college or university teaching experience before coming to Fullerton. Faculty members also have a wide variety of scholarly experiences and creative activities. Seventy-seven percent of the full-time faculty have earned their doctoral degrees.

Criteria for selection to the faculty include mastery of knowledge in an academic specialty, demonstrated skill and experience in teaching, and continuing interest in scholarly study and research. Retention and promotion criteria also include service to the university and community.

Information concerning the faculty and other personnel may be obtained from the Office of Faculty Affairs and Records.
OUTSTANDING PROFESSOR AWARD

Each year the university selects a faculty member to receive the CSUF Outstanding Professor Award. Below are the names of all professors who have received the CSUF Outstanding Professor Award. Those with an asterisk were also honored with the Statewide Outstanding Professor Award, an honor which was conferred annually on two system faculty members by the Trustees of the California State University until 1995.

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>1963-64</td>
<td>Donald Stanley Tull</td>
<td>Marketing</td>
</tr>
<tr>
<td>1964-65</td>
<td>Miles Duffield McCarthy*</td>
<td>Biology</td>
</tr>
<tr>
<td>1965-66</td>
<td>Giles Tyler Brown</td>
<td>History</td>
</tr>
<tr>
<td>1966-67</td>
<td>Gustave Bording Mathieu</td>
<td>French/German</td>
</tr>
<tr>
<td>1967-68</td>
<td>Norman Townsend-Zellner</td>
<td>Economics</td>
</tr>
<tr>
<td>1968-69</td>
<td>John Brown Mason</td>
<td>Political Science</td>
</tr>
<tr>
<td>1969-70</td>
<td>No award given</td>
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<tr>
<td>1970-71</td>
<td>Loh Seng Tsai</td>
<td>Psychology</td>
</tr>
<tr>
<td>1971-72</td>
<td>Richard C. Gilbert</td>
<td>Mathematics</td>
</tr>
<tr>
<td>1972-73</td>
<td>Herbert C. Rutemiller</td>
<td>Quantitative Methods</td>
</tr>
<tr>
<td>1973-74</td>
<td>Fred M. Johnson</td>
<td>Physics</td>
</tr>
<tr>
<td>1974-75</td>
<td>Willies E. McNelly*</td>
<td>English</td>
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<tr>
<td>1975-76</td>
<td>Donald E. Lagerberg</td>
<td>Art</td>
</tr>
<tr>
<td>1976-77</td>
<td>Sidney Klein</td>
<td>Economics</td>
</tr>
<tr>
<td>1977-78</td>
<td>Charles G. Bell</td>
<td>Political Science</td>
</tr>
<tr>
<td>1978-79</td>
<td>Bruce H. Weber</td>
<td>Chemistry</td>
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<tr>
<td>1979-80</td>
<td>Michael H. Horn</td>
<td>Zoology</td>
</tr>
<tr>
<td>1980-81</td>
<td>Donald A. Sears</td>
<td>English and Linguistics</td>
</tr>
<tr>
<td>1981-82</td>
<td>Joyce E. Pickersgill</td>
<td>Economics</td>
</tr>
<tr>
<td>1982-83</td>
<td>Carl C. Wamser</td>
<td>Chemistry</td>
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<tr>
<td>1983-84</td>
<td>Corinne S. Wood</td>
<td>Anthropology</td>
</tr>
<tr>
<td>1984-85</td>
<td>Maria C. Linder</td>
<td>Chemistry</td>
</tr>
<tr>
<td>1985-86</td>
<td>Charles C. Lambert</td>
<td>Zoology</td>
</tr>
<tr>
<td>1986-87</td>
<td>Glenn M. Nagel</td>
<td>Chemistry</td>
</tr>
<tr>
<td>1987-88</td>
<td>Harris S. Shultz*</td>
<td>Mathematics</td>
</tr>
<tr>
<td>1988-89</td>
<td>Warren A. Beck</td>
<td>History</td>
</tr>
<tr>
<td>1989-90</td>
<td>Roger Nanes</td>
<td>Physics</td>
</tr>
<tr>
<td>1990-91</td>
<td>Gerald F. Corey</td>
<td>Human Services/Counseling</td>
</tr>
<tr>
<td>1991-92</td>
<td>Michael H. Birnbaum</td>
<td>Psychology</td>
</tr>
<tr>
<td>1992-93</td>
<td>David L. Pagni*</td>
<td>Mathematics</td>
</tr>
<tr>
<td>1993-94</td>
<td>Keith O. Boyum</td>
<td>Political Science</td>
</tr>
<tr>
<td>1994-95</td>
<td>Carol P. Barnes</td>
<td>Elementary and Bilingual Education</td>
</tr>
<tr>
<td>1995-96</td>
<td>Mario Martelli</td>
<td>Mathematics</td>
</tr>
<tr>
<td>1996-97</td>
<td>Frank G. Cummings III</td>
<td>Art</td>
</tr>
<tr>
<td>1997-98</td>
<td>John A. Olmsted</td>
<td>Chemistry</td>
</tr>
<tr>
<td>1998-99</td>
<td>George A. Marcoulides</td>
<td>Management Science/Information Systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Economics</td>
</tr>
<tr>
<td>1999-00</td>
<td>Jane V. Hall</td>
<td>Elementary, Bilingual, and Reading Education</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Philosophy</td>
</tr>
<tr>
<td>2000-01</td>
<td>Hallie Yopp Slowik</td>
<td>Biological Science</td>
</tr>
<tr>
<td>2001-02</td>
<td>Albert W. Flores</td>
<td></td>
</tr>
<tr>
<td>2002-03</td>
<td>Steven N. Murray</td>
<td></td>
</tr>
<tr>
<td>2003-04</td>
<td>Richard L. Wiseman</td>
<td>Human Communication Studies</td>
</tr>
<tr>
<td>2004-05</td>
<td>Nancy L. Segal</td>
<td>Psychology</td>
</tr>
<tr>
<td>2005-06</td>
<td>Zvi Drezner</td>
<td>Information Systems and Decision Sciences</td>
</tr>
<tr>
<td>2006-07</td>
<td>Chandrasekhar Putcha</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>2007-08</td>
<td>Stella Ting-Toomey</td>
<td>Human Communications Studies</td>
</tr>
</tbody>
</table>

CSU FULLERTON AUXILIARY SERVICES CORPORATION (ASC)

The CSU Fullerton Auxiliary Services Corporation was established and incorporated as a not-for-profit corporation in October 1959. The ASC is an auxiliary organization of the university established to provide essential student, faculty and staff services that cannot be provided from state appropriations. It supplements university programs and activities by assisting the university in fulfilling its purposes and in serving the people of the State of California, especially those in the immediate Fullerton area.

The ASC develops and administers research and educational grants and contracts; conducts retail operations including bookstore, food service and vending on campus; and administers various educationally-related functions and programs, such as the Artist Village and the purchase of the College Park building.

The ASC’s overall policies are administered by a Board of Directors composed of members of the university faculty, administration and students, as well as prominent community leaders.

Board of Directors

Chair, Ted Bremner*
Vice Chair, Ron Rangel*
Secretary, Robert Hall*
Raul Davis*
Gary Del Fium*
Zeke Luna*
ASC Executive Director
ASC Director of Finance & Administration
CSUF President
Vice President, Academic Affairs
Vice President, Administration and Finance
Vice President, Student Affairs
Academic Administrator nominated by Council of Deans
Academic Senate Chair plus three faculty appointees
ASI President plus two student appointees
Director, Office of Grants and Contracts
Vice President, University Advancement

*Community Member
**CSU FULLERTON HOUSING AUTHORITY**

The CSU Fullerton Housing Authority was formed in July 2000 with the express mission to benefit California State University, Fullerton, by providing and maintaining affordable housing and related facilities for faculty, staff, and students. Through such housing, the ability to foster an academic community and environment near the campus will aid the university in its quest to recruit and retain the highest quality personnel.

The Housing Authority is composed of a nine-member board: CSUF president, vice president for Administration and Finance, associate vice president for Facilities Management, a faculty appointee, an administrative appointee, a student appointee, the ASC chair, ASC director of Property Development and the ASC executive director.

The Housing Authority, with the support of both the university and the CSUF Auxiliary Services Corporation, is committed to the long-term development and supply of quality work-force housing for faculty and staff members.

**CAL STATE FULLERTON ALUMNI ASSOCIATION**

The Cal State Fullerton Alumni Association is a not-for-profit auxiliary organization to the university that represents alumni and provides ways for current students and alumni to be involved with campus initiatives and activities. In addition, the association provides students and graduates with networking, educational and social activities. The association provides many programs and services to the entire alumni community. It also operates a dues-paying membership program. Members receive exclusive benefits and services such as access to all 23 CSU campus libraries and the Titan Recreation Center, invitations to members-only events, discounts to the Titan bookstore and campus activities, discounted group insurance and more. The most important benefit of being a member of the CSUF Alumni Association, however, is the opportunity to be part of an active and engaged Titan network!

The George G. Golleher Alumni House is the focal point of alumni activity on campus where alumni, students, faculty and staff engage in a variety of activities – everything from pre-game barbecues, retreats, receptions and workshops.

Cal State Fullerton students are considered alumni when they have successfully completed 12 units of credit. We invite all students and alumni to participate in alumni association sponsored activities. For more information please contact 657-278-2586 (ALUM) or visit www.csufalumni.com

**COMMUNITY SUPPORT GROUPS**

California State University, Fullerton welcomes and encourages the development and activities of volunteer organizations committed to enriching university life. The expertise and efforts of dedicated volunteers enhance the university's academic excellence. Annually, each organization nominates a member volunteer who is honored at a luncheon each spring.

The Cal State Fullerton Coordinating Council of Support Groups consists of representatives from all volunteer organizations on campus. The Council coordinates communication between the volunteer organizations and the university. Further information about the Council may be obtained from the Office of the Vice President for Academic Affairs, McCarthy Hall-133, at 657-278-2615.

**Art Alliance**

The Art Alliance encourages excellence in the arts, particularly through the educational curriculum of the university’s Art Department. Organized in 1967, the alliance assists in financing gallery exhibitions, participates in the acquisition of campus art works, and annually awards scholarships and graduate research grants. Art Alliance members host special exhibit tours and receptions, trips to museums and artists’ studios, and staff the main gallery during open hours.

**College Advisory Councils and Boards**

Many academic departments and colleges are supported by advisory councils and boards, which are composed of community and campus leaders and alumni who are committed to sharing their expertise and providing support to individual colleges within the university.

**Osher Lifelong Learning Institute (OLLI)**

For three decades, Cal State Fullerton’s learning in retirement program has offered an extensive range of courses for retired or semi-retired members who look to the university and the Ruby Gerontology Center as focal points for their lifelong learning. Osher Lifelong Learning Institute at Cal State Fullerton, which was formerly known as the Continuing Learning Experience (CLE), is a nationally recognized, self-supported organization that draws strength from its own board of trustees and a sophisticated management structure.

For an annual membership fee that includes parking, OLLI members savor the university setting and student privileges. Members enjoy a rich variety of classes, study groups, discussion forums and trips of educational interest. Some of the outstanding lecture series are also open to the community. In addition, both PC and Macintosh-based computer classes are available.

The OLLI office is housed in the Ruby Gerontology Center, a research and conference facility built with private funds in large part from members of this outstanding program.

**Emeriti**

The Emeriti of California State University, Fullerton, is a formal association of all persons awarded emeritus status by the president of CSUF. The emeriti, as an association, exists to promote the welfare of California State University, Fullerton; to enhance the continuing professionalism of the emeriti; to provide for the fellowship of the members; and awards two student scholarships each year. Through affiliation with the system-wide CSU emeriti organization, California State University Emeritus and Retired Faculty Association, emeriti concerns are presented to all branches of the government and the Chancellor’s Office.
Friends of the Fullerton Arboretum

Friends of the Fullerton Arboretum support the 26-acre botanical garden located on the northeast corner of campus. The Friends coordinate the work of the many volunteers needed to maintain the gardens, programs and events. Friends host tours of the Arboretum and Heritage House museum, a turn-of-the-century residence listed in the National Register of Historic Places and the Inventory of California Historic Sites. Through plant sales, facility rentals and special events, the Friends contribute operating monies for the Arboretum and fund student scholarships.

MAMM Alliance for the Performing Arts

The MAMM Alliance supports excellence in performing arts programming for the CSUF College of the Arts. Originally organized in 2001 as a foundation in honor of the late philanthropist Marcy Arroues Mulville, the Alliance joined Cal State Fullerton in 2006. During her lifetime, arts patron Marcy Arroues Mulville was credited with founding, supporting and advancing more than 26 nonprofit organizations, starting with Cal State Fullerton, where she founded the Music Associates. She was a key figure in the early years of the Pacific Symphony Orchestra and donor to the CSUF’s Performing Arts Center.

The Alliance’s mission and purpose includes underwriting legendary guest artist performances, royalty support for major productions, guest artist solo performances with student ensembles, professional ensembles and artist residencies. Additionally, the Marcy Award honoring an outstanding community volunteer will be awarded annually.

Music Associates

In support of the Music Department, Music Associates fund student scholarships; an annual awards contest recognizing excellence in vocal, instrumental and piano performance; and purchases of equipment and instruments to enhance Cal State Fullerton’s music program. Associates attend campus performances and co-sponsor one of the major holiday events on campus, the “Carol Candlelight sic program. Associates attend campus performances and co-sponsor the “Carol Candlelight Dinner and Concert,” featuring the University Singers. The Associates also hold an annual spring scholarship luncheon.

Patrons of the Library

Community members, alumni and faculty and staff members interested in enhancing the excellence of the Pollak Library belong to Patrons of the Library. The group sponsors exhibits and operates a book sale center in conjunction with the Emeriti. Funds raised through book sales, dues and donations support the augmentation of library holdings and facilities.

President’s Associates

For more than thirty years, the President’s Associates have been an integral part of Cal State Fullerton’s emergence as an institution of academic excellence.

This premier support group – whose members are themselves leaders in their respective communities and industries – plays a crucial role, through personal involvement and financial commitment, in advancing the university’s dedication to scholarship, teaching and community service.

Membership in the President’s Associates is conferred upon those who make an annual gift of $1,000 or more to any campus department or program. Generous support of Cal State Fullerton ensures our continued success in the education of our region’s next generation of leaders.

Reading Educators Guild

Grads who earn a master of science in education with a concentration in reading and other interested individuals are eligible for membership in the Reading Educators Guild, one of the oldest alumni support groups on the CSUF campus. Working in close relationship with the Reading Department, the Guild provides service as a professional development and networking organization for reading educators. REG also provides support for the Reading Department in a variety of ways, including the awarding of scholarships to both Reading Center and graduate students. Throughout the school year, the Guild holds various activities, lectures and conferences, promoting effective reading instruction.

Titan Athletics Club

Fullerton Athletics is strong because alumni, parents and fans work together to keep our student-athletes competitive. And there is no better way to do that than through the Titan Athletics Club.

The Titan Athletics Club was founded to organize the Cal State Fullerton Athletic Department’s fundraising efforts, with the mission of providing financial support to enhance the experiences of our student-athletes.

Alumni, parents and fans who contribute lead the way in Cal State Fullerton’s commitment to improving our facilities, attracting and retaining outstanding coaches, and providing an environment that will make Fullerton the first choice for premier student-athletes.

With every gift, no matter the size or designation, you help to build a lasting foundation for excellence in Cal State Fullerton Athletics.

The academic and athletic success Fullerton has enjoyed throughout the years has not been by mistake. It has taken a great deal of effort, commitment, and sacrifice to get where we are today.

With your help, Titan Athletics will continue to achieve excellence, both in the classroom and on the field of play.

For more information, contact the Titan Athletics Club office at 657-278-4407, pjones@fullerton.edu or www.fullerton.edu/tac.

Tucker Wildlife Sanctuary

The members of Tucker Wildlife Sanctuary support group provide financial support to the operation and mission of Tucker Wildlife Sanctuary, a 12-acre non-profit nature preserve located in Modjeska Canyon owned and operated by California State University, Fullerton, and its College of Natural Sciences and Mathematics. Tucker Wildlife Sanctuary has a dual mission—to support science and environmental education and to act as a sanctuary for the preservation of local native habitat and wildlife. Tucker serves as a unique field research center for Cal State Fullerton students and as a field trip destination for K-12 schools as its programs are built on the California State Standards for Science Education. Tucker is open to the public Tuesday-Sunday. Admission is free, and naturalist-led group tours are available for $6/person.
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Christopher Reese, Director, Community Relations
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Michael Parker, Interim Director, University Planning
Monique Shay, University Counsel

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Dennis Robinson, Director, Distance Education & Information Technology
Sally Starr, Director of Corporate Relations and Workforce Solutions
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Antonieta Bartter, Manager, Student Services
Christine Pircher-Barnes, Director, International Student Services
Barbara Talento, President, Osher Lifelong Learning Institute

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Elizabeth Housewright, Associate University Librarian
Susan Tschabrun, Chair, Technical Services
Ron Rodriguez, Head, Access Library Services

Irving Campus
Susan Cooper, Dean, Irvine Branch Campus
Chuck Moore, Director, Enrollment Services Center
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Welson Badal, Director, Administration and Finance Information Technology
(Vacant), Director, Organizational and Professional Development
(Vacant), Manager, Divisional Finance

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Glenda Hart, Director, Payroll
John Beisner, Director, University Risk Management

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Chuck Kissel, Director, Titan Shops
Anthony Lynch, Director, Campus Dining
James Alexander, Director, Property Development

Parking and Transportation
Joe Ferrer, Director, Parking and Transportation

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Willem H. van der Pol, Director, Physical Plant

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May Wong, Executive Assistant, Financial Management
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Don Green, Director, Contracts and Procurement
Steven Yim, University Controller
Laleh Graylee, Director, Analysis and Decision Support

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Judi King, Chief of University Police
(Vacant), Administrative Lieutenant
Donald Landers, Operations Lieutenant

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Kenara Ly, Director, System Infrastructure and Application Development
Kerry Boyer, Information Security Officer
Marci Payne, Telecom Manager
Afsaneh Hamedani, Manager, Information & Learning Commons and McCarthy Commons
Terry Jarmon, Manager, Rollout and Reprographics
Charles San Nicolas, Manager Help Desk
Joe Luzzi, Enterprise Resource Planning (ERP) Assistant Director, ERP Technical Services

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Howard S. Wang, Associate Vice President for Student Affairs
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Fred Sanchez, Executive Director, Associated Students, Inc.
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Lea Jarnagin, Assistant to the Vice President for Student Affairs
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Elahe Amani, Director, Technology Services for Student Affairs
Adriana Badillo, Director, Talent Search Program
Kurt Borsting, Director, Titan Student Union
Gerald Bryant, Director, Ronald E. McNair Scholars Program
James Case, Director, Career Center
(Vacant), Director, Honors and Scholars Support Services
Cathy Spofford, Associate Director, Student Health and Counseling Center
Hortencia Cuevas, Director, Upward Bound
Deborah McCracken, Director, Financial Aid
Barbara McDowell, Director, Women's Center / Adult Re-Entry
Paul Miller, Director, Disabled Student Services
Jeremiah Moore, Director, Student Academic Services
Gail Pakalns-Naruo, Director, Counseling and Psychological Services
Juanita Razo, Assistant Dean of Students, Leadership and Multicultural Development Programs
Sandra Rhoten, Associate Dean of Students, Judicial Affairs
Allison Rich, Senior Associate Director, Intercollegiate Athletics
Darlene Stevenson, Director, Housing and Residence Life
Esiquio Uballe, Associate Dean of Students, Student Life
Howard Wang, Executive Director, Student Health and Counseling Center
Fran Zareh-Smith, Director, University Learning Center
Grace Johnson, Director, Guardian Scholars Program
Lay Tuan Tan, Director, International Education and Exchange
Meredith Basil, Director, Athletics Academic Services
Carmen Curiel, (Acting) Director, Multicultural Leadership Center, Dean of Students
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Carrie Stewart, Associate Vice President, Central Development & Major Events
Jeffrey D. Cook, Associate Vice President, Strategic Communications
Owen Holmes, Associate Vice President, Public Affairs and Government Relations
Dianna Fisher, Executive Director, Alumni Relations
Cheryl Perreira, Executive Director, Advancement Operations

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Andi Sims, Assistant Dean, Student Affairs

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Music Department
Marc Dickey, Chair

Theatre Department
Susan Hallman, Chair

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Robert Miyake, Assistant Dean, Academic Services
Emeline Yong, Assistant Dean, Student Affairs

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Morteza Rahmatian, Chair

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Management Department
Ellen Dumond, Chair

Marketing Department
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Radio-TV-Film Department
Ed Fink, Chair

Human Communication Studies Department
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Reading Department
Ula Manzo, Chair

Secondary Education Department
Chris Street, Chair

Special Education Department
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Instructional Design And Technology Program
JoAnn Carter-Wells, Coordinator

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Susamma Barua, (Acting) Associate Dean
Vacant, Assistant Dean, Student Affairs

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Civil And Environmental Engineering Department
M. Prasada Rao, Chair

Electrical Engineering Department
Mostafa Shiva, Chair

Mechanical Engineering Department
Peter Othmer, Chair

Computer Engineering Program
Susamma Barua, Coordinator

Software Engineering Program
Christopher Taewan Ryu, Coordinator

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   Kathy Koser, Associate Dean
   Lea Beth Lewis, Assistant Dean, Student Affairs

Child And Adolescent Studies Department
Kari Knutson Miller, Chair

Counseling Department
Leah Brew, Chair

Health Science Department
Shari McMahan, Chair

Human Services Department
Mikel Hogan, Chair

Kinesiology Department
Stephan Walk, Chair

Military Science Program
Lt. Col. Jonathan Nepute, Coordinator

Nursing Department
Cindy Greenberg, Chair

Social Work Program
David Cherin, Chair

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   Claire Palmerino, Associate Dean
   Angela Della Volpe, Associate Dean
   David McKenzie, Assistant Dean, Student Affairs

Afro-Ethnic Studies Department
Julie Stokes, Chair

American Studies Department
Jesse Battan, Chair

Anthropology Department
Jack Bedell, Chair

Asian Studies Program
William W. Haddad, Coordinator

Asian American Studies Program
Thomas Fujita-Rony, Coordinator

Chicana And Chicano Studies Department
Dagoberto Fuentes, Chair

Comparative Religion Department
James Santucci, Chair

English, Comparative Literature And Linguistics Department
Joseph Sawicki, Chair

Environmental Studies Program
John Bock, Coordinator

European Studies Program
Cora Granata, Coordinator

Geography Department
John Carroll, Chair

Gerontology Program
Joseph Weber, Coordinator

History Department
William W. Haddad, Chair

Latin American Studies Program
Sandra Perez-Linggi, Coordinator

Liberal Studies Department
Jim Hofmann, Chair

Modern Languages And Literatures Department
Jan Eyring, Chair

Philosophy Department
Shari Starrett, Chair

Politics, Administration And Justice Division
Raphael Sonenshein, Chair

Psychology Department
Jack Mearns, Chair

Sociology Department
Joseph Weber, Chair

Women’s Studies Program
Renae Bredin, Coordinator
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Steven N. Murray, Dean
Mark Filowitz, Associate Dean
Rochelle Woods, Assistant Dean, Student Affairs

Biological Science Department
Robert Koch, Chair

Chemistry And Biochemistry Department
Maria Linder, Chair

Geological Sciences Department
David Bowman, Chair

Mathematics Department
Paul De Land, Chair

Physics Department
Murtadha Khakoo, Chair

Science Education Program
Victoria Costa, Director
“More than anything else, the excellence of our programs can be seen in our people – the faculty, staff, students and graduates. Their presence is perhaps the strongest recommendation to be made for pursuing the arts at Cal State Fullerton.”

Dean Jerry Samuelson

COLLEGE OF THE ARTS

The learning opportunities within the College of the Arts are based on a commitment to artistic and academic excellence. We provide an environment that encourages individual achievement for performers, artists and scholars.

Within the broader university liberal arts environment, the College of the Arts offers intensive programs in Art, Music, Theatre and Dance. We are also committed to the enhancement of artistic awareness of all students.

We extend a warm welcome to you, and we promise that with your perseverance, we will do everything possible to further your goals and objectives in whatever field of the arts you choose.

Academic advisement is available through the departments. Faculty advisers are available to assist students with career decisions and degree requirements.

Several scholarships are available to students in the College of the Arts. Inquiries should be made to the respective department offices.

PROGRAMS OFFERED

Art, Bachelor of Arts
- Art History
- General Studio Art
- Teaching–Single Subject Preparation

Art, Bachelor of Fine Arts
- Ceramics
- Crafts
- Creative Photography
- Drawing and Painting
- Entertainment Art/Animation
Graphic Design
Illustration
Printmaking
Sculpture

Art, Minor

Art, Master of Arts
Design
Drawing and Painting (Printmaking)
Sculpture
Crafts (including Ceramics, Glass, Wood, Jewelry/Metalsmithing)
Design (including Graphic Design, Illustration, Exhibition Design, Creative Photography)

Art History

Art, Master of Fine Arts
Drawing, Painting and Printmaking
Sculpture
Ceramics (including Glass)
Crafts (including Jewelry/Metalsmithing and Woodworking)
Design (including Graphic Design, Illustration and Exhibition Design)

Creative Photography

Art, Museum Studies, Certificate

Dance, Bachelor of Arts

Music, Bachelor of Arts
Liberal Arts
Music Education
Music History and Theory

Music, Bachelor of Music
Composition
Classical Guitar
Instrumental
Jazz and Commercial Music
Keyboard
Voice
Accompanying

Music, Minor

Music, Master of Arts
Music History and Literature
Music Education

Music, Master of Music
Performance
Theory-Composition
Music, Single Subject (Secondary) Credential

Theatre Arts, Bachelor of Arts
Liberal Arts
Production/Performance
Directing
Playwriting
Technical Production/Design
Teaching

Theatre Arts, Bachelor of Fine Arts
Acting
Musical Theatre

Theatre Arts, Master of Fine Arts
Acting
Directing
Design and Technical Production

Music, Bachelor of Arts

Music Education
Music History and Theory

Music, Master of Arts
Music History and Literature
Music Education

Music, Master of Music
Performance
Theory-Composition

Music, Single Subject (Secondary) Credential

Theatre Arts, Bachelor of Arts
Liberal Arts
Production/Performance
Directing
Playwriting
Technical Production/Design
Teaching

Theatre Arts, Bachelor of Fine Arts
Acting
Musical Theatre

Theatre Arts, Master of Fine Arts
Acting
Directing
Design and Technical Production

Music, Bachelor of Arts

Music Education
Music History and Theory

Music, Master of Arts
Music History and Literature
Music Education

Music, Master of Music
Performance
Theory-Composition

Music, Single Subject (Secondary) Credential

Theatre Arts, Bachelor of Arts
Liberal Arts
Production/Performance
Directing
Playwriting
Technical Production/Design
Teaching

Theatre Arts, Bachelor of Fine Arts
Acting
Musical Theatre

Theatre Arts, Master of Fine Arts
Acting
Directing
Design and Technical Production
Welcome to the premier public university business school in Orange County. Our impact stems from our immense presence in the region and strong links to the economic progress of the area. As California’s largest AACSB-accredited business school, the college prepares an unmatched number of graduates for success in the workplace, and our faculty, staff, and students work with business leaders to advance the fortunes of businesses in Orange County and Southern California.

Dean Anil K. Puri
MIHAYLO COLLEGE OF BUSINESS AND ECONOMICS

VISION AND MISSION STATEMENTS

Vision Statement
We will be the choice of Southern California’s businesses and governments for college graduates, business solutions and professional development.

Mission Statement
We create and apply knowledge that transforms student lives, develops business leaders who shape the regional economy and advances the intellectual capital of our diverse region.

Mihaylo College’s educational program instills in our vast corps of graduates core business knowledge and flexible critical thinking and motivation, thereby putting our students in a position to contribute to the success of regional business. As the only Orange County business school with AACSB accreditation in Business Administration and Accounting at both the undergraduate and graduate level, we provide:

- A practical and applied curriculum. When students receive their diplomas, they will be able to quickly translate their education into a good job and success in the workplace. Students and alumni of our program are “ready to work” and prepared to make contributions to their organizations from their first days on the job.
- A global perspective. Students gain an international perspective from a culturally and ethnically rich student body, a diverse faculty and global academic and business community partners.
- State-of-the-art technology. Students will keep pace with e-commerce and evolving business information systems through a mix of educational tools, instructional technology and technological partners.
- Value. By being affordable, accredited and practical, Mihaylo College defines value in education and keeps pace with today’s economy.
PROGRAMS OFFERED
Accountancy, Master of Science
Business Administration, Bachelor of Arts
   Accounting
   Business Economics
   Entertainment and Tourism Management
   Entrepreneurship
   Finance
   Information Systems
   Management
   Management Science
   Marketing
   Joint Emphasis in Accounting and Finance
Business Administration, Minor
Business Administration (MBA)
   Accounting
   Business Economics
   Business Intelligence
   Entrepreneurship
   Finance
   Information Systems
   International Business
   Management
   Management Science
   Marketing
   Joint Emphasis in Accounting and Finance
Economics, Bachelor of Arts
Economics, Minor
Economics, Master of Arts
Entrepreneurship, Minor
Information Systems, Minor
Information Systems, Master of Science
   Decision Sciences
   Business Intelligence
Information Technology, Master of Science
   International Business, Bachelor of Arts
   Chinese
   French
   German
   Japanese
   Portuguese
   Spanish
   Taxation, Master of Science

ACCREDITATION
The Mihaylo College of Business and Economics holds dual accreditation in business administration and accounting from AACSB International, the premier accrediting body for university business programs in the world. Our program is the only University in Orange County, and one of five in California to hold this prestigious level of dual accreditation. Our accreditation assures that students receive a high quality education, delivered by the most qualified faculty, all from a College that has met the highest standards in business education.

CENTERS OF EXCELLENCE
In support of our mission, the Steven G. Mihaylo College of Business and Economics sponsors Centers of Excellence that address issues in the community, provide services to government and business, and provide academic and practical learning experiences and connections for our students.

Center of Corporate Reporting and Governance
Center for Economic Education
Center for Entrepreneurship
Center for Insurance Studies
Center for International Business
Center for the Study of Emerging Financial Markets
Family Business Council
Center for the Forum for Advanced Security Technologies
Institute for Economic and Environmental Studies
International Center of Economics of Pharmaceuticals, Aging and Health
Real Estate and Land Use Institute
Sales Leadership Center
Small Business Development Center
Small Business Institute
Michael A. Reagan Graduate Scholarship for Outstanding Incoming Graduate Students

The Michael A. Reagan Scholarship is awarded each semester to newly admitted graduate students in Mihaylo College of Business and Economics who have demonstrated academic excellence in their undergraduate studies. Recipients of these $4,000 non-need based scholarships receive this one-time award disbursed in two installments over consecutive semesters. Applicants to the MBA, MS in Accountancy, MS in Information Systems, MS in Information Technology, MS in Taxation and MA in Economics with outstanding undergraduate academic records are encouraged to apply. Multiple awards are given in both fall and spring semesters. For further information and application information, please go to www.business.fullerton.edu/graduateprograms/costs/Scholarships.htm or call the Graduate Programs Office at 657-278-3622.

General Scholarships

Stephen J. Barres Leadership Award
Dean’s Advisory Board Awards
College of Business and Economics Alumni Scholarship
Executive Council Outstanding Student Award
Faith Guthrie Endowed Memorial Scholarship
Samuel Mendoza Memorial Scholarship
Professor for a Day Scholarship
Theodore H. Smith Outstanding Graduate Student Award
Frank P. Stanek Continuing Junior Scholarship
Kathleen Taylor Business Scholarship
Francisco J. Valle Scholarship

For more awards listed under each department, please refer to www.fullerton.edu/financialaid/scholar/baebody1.htm. For further information and application information, please contact the Assistant Dean for Student Affairs at 657-278-4577.

BUSINESS HONORS PROGRAM

The Business Honors Program provides high-potential students special opportunities for academic challenge, unique in-class and out-of-classroom learning opportunities and individualized career planning and development. Students in the program take honor courses in the business program that are smaller than regular classes, where active discussion and imaginative learning experiences are encouraged, and individual attention from professors is the norm. Students also have special out-of-classroom opportunities to participate in seminars, study abroad, internships, service learning, and directed research projects.

Students in the Business Honors Program belong to an exclusive group of students who are among the most talented in Cal State Fullerton’s Mihaylo College of Business and Economics. Students who successfully complete the Business Honors Program receive special recognition on their diploma and transcripts visible for all future employers and shall be awarded Certificate of Honors upon graduation.

The Business Honors program is open to new entering freshmen and upper-division transfer students who have demonstrated prior academic excellence, leadership and service. For further information, eligibility requirements and procedures to apply, please visit the Business Honors website at www.business.fullerton.edu/honors.

STUDENT ORGANIZATIONS

Chapters of the following national honor societies have been established on campus with membership open to qualified students: Beta Alpha Psi (Accounting), Beta Gamma Sigma (Business) and Phi Kappa Phi (all majors). In addition, students are encouraged to join the following clubs/organizations: Accounting Society (AS), American Marketing Association (AMA), Association of Information Technology Professionals (AITP), Delta Sigma Pi (DSP - Professional Business Fraternity), Economics Association (EA), Finance Association (FA), Future Business Leaders of America – Phi Beta Lambda (FBLA-PBL), Gamma Iota Sigma (GIS) – Insurance Risk Management, Latino Business Student Association (LBSA), MBA Association, Real Estate Association (REA), Society for the Advancement of Management (SAM) and Young Entrepreneur Society (YES). Students can also participate in the Business Inter-Club Council (BICC), the coordinating board for all the business clubs and organizations. The Council provides resources and assistance to club representatives and enforces guidelines and procedures for governance and registration. This Council interacts with other campus government boards.

STEVEN G. MIHAYLO HALL AND INFORMATION SERVICES

Opened in fall 2008, the Steven G. Mihaylo Hall is the new home for the College. Designed specifically to enhance learning and collaborative interaction, the building provides students and faculty with the most technologically advanced classrooms, interactive labs and collaborative working spaces.

The College’s Information Services department supports the full spectrum of technology services and solutions to students, faculty and administration. The department provides wireless access throughout, open computer labs, and access to the latest professional business software and data bases.
BUSINESS ADVISING CENTER
Undergraduate Program Advising -
Steven G. Mihaylo Hall 1201

The Business Advising Center serves business administration, economics and international business majors. Information is available on admissions, curriculum and graduation requirements, as well as on registration and grading procedures, residence and similar academic matters. Transfer students must see an adviser immediately upon admission regarding transfer credit. For information on general education, consult the Academic Advisement Center.

Graduate Program Advising -
Steven G. Mihaylo Hall 3280

Graduate advisers provide academic advising for the graduate programs in accountancy, business administration, information systems and taxation. Information is available on admissions, curriculum and graduation requirements, as well as on registration procedures, residence and similar academic matters. For information on admission, curriculum and graduation requirements for the M.A. in Economics, see the graduate program adviser in the Economics department.

Students should also consult the faculty advisers for the programs in accountancy, information systems and taxation.

INTERNSHIPS AND COOPERATIVE EDUCATION

Students may earn academic credit, first-hand work experience and financial remuneration as well. Opportunities exist in accounting and auditing; cost-benefit analysis and econometrics; finance and real estate; insurance and banking; management and industrial relations; marketing, sales and advertising; and business data systems. For more information, consult the internship adviser in your department or in the Center for Internships and Service Learning.

INFORMATION ON DEGREE REQUIREMENTS

Information on degrees is located in the following department and program listings:

Accounting:
  - Accountancy, M.S.
  - Taxation, M.S.

Business Administration:
  - Business Administration, B.A.
  - Business Administration, Minor
  - Business Administration, MBA

Economics:
  - Economics, B.A.
  - Economics, Minor
  - Economics, M.A.

International Business:
  - International Business, B.A.

Information Systems and Decision Sciences:
  - Information Systems, M.S.
  - Information Technology, M.S.
College of Communications

“The College of Communications provides an excellent learning environment with nationally recognized faculty and modern laboratory facilities. Students are welcomed into a supportive environment that consists of computerized writing, editing photo and graphics labs; a cutting edge media facility providing digital content production, broadcast and streaming services; a speech and hearing clinic; a presentation lab and a newspaper and magazine production complex.”

Dean Rick D. Pullen
COLLEGE OF COMMUNICATIONS

The College of Communications is committed to advancing a democratic society by preparing students to function in a wide variety of communication professions. With a strong tradition in the liberal arts and social sciences, the academic programs of the College share a common theoretical base which identifies the elements of human communication and the principles governing their use in all communicative processes essential to contemporary society, namely, the spoken and written word and visual images. Specialized programs in advertising, argumentation and persuasion, communication theory and process, intercultural, interpersonal, organizational communication, communication studies, communicative disorders, journalism, photocommunications, public relations, entertainment and tourism and radio-television-film make up the basic curricula of the College. These programs of study lead to traditional academic degrees for undergraduates and graduates, to state credentials and licenses, to professional certification and to entry into graduate and professional degree programs.

Academic programs in the College of Communications prepare students to function as professionals in the fields of business, education, government, entertainment and in media and health related careers. Ancillary educational experiences are available through the campus daily newspaper, audio and video production, post-production studios, television facility, forensics program, speech and hearing clinic, the Center for Children who Stutter, Tusk magazine and internships in professional settings.

The College is dedicated to the principles of academic excellence and sees its fundamental mission as preparing citizens to function as effective communicators who practice their disciplines in accordance with the highest ethical codes of professional and personal conduct.
PROGRAMS OFFERED
Communications, Bachelor of Arts
  Advertising
  Entertainment Studies
  Journalism
  Photocommunications
  Public Relations
Communications, Minor
  Advertising
  Journalism
  Public Relations
Communications, Master of Arts
  Professional Communications
  Mass Communications Research and Theory
Communicative Disorders, Bachelor of Arts
  Speech Pathology
  Audiology
  Speech/Language Development
  Intercultural Clinic Practice
  Aphasia and Adult Therapy
  Phonology
Communicative Disorders, Master of Arts
Speech Communication, Bachelor of Arts
  Argumentation and Persuasion
  Intercultural Communication
  Interpersonal Communication
  Organizational Communication
Speech Communication, Minor
Speech Communication, Master of Arts
Radio-TV-Film, Bachelor of Arts
  Criticism
  Production
  Writing
Radio-TV-Film, Minor

STUDENT ORGANIZATIONS
The College of Communications supports a large number of student organizations and activities that provide a wide variety of preprofessional opportunities for academic advancement. They include: the Advertising Club; Comm Grads: Communications Week; Daily Titan; Debate (forensics); Entertainment and Tourism; International Association of Business Communicators; National Press Photographers Association; National Student Speech-Language-Hearing Association; Public Relations Student Society of America; Society of Professional Journalists; Titan Internet Radio; Tusk Magazine; and TV-Film Society.

ACCREDITATION
The Department of Communications is accredited by the Accrediting Council on Education in Journalism and Mass Communications. The Communicative Disorders program in the Department of Human Communication Studies is accredited by the American Speech-Language-Hearing Association.

INTERNSHIPS
A wide variety of student internships is available throughout Southern California. In the Department of Communications, students are required to complete an internship, unless specifically waived from doing so, normally as the culminating undergraduate experience. The Human Communication Studies’ internship is optional and normally taken sometime in the junior or senior year.

SCHOLARSHIPS AND AWARDS
Some $30,000 in scholarships and awards are presented annually to students in the College of Communications. Among the sponsors of scholarships are the Advertising Club of Orange County, the Los Angeles Angels of Anaheim, the Hearst Foundation, the Orange County chapter of the Public Relations Society of America and the Society of Professional Journalists. Awards annually are presented to students who excel in academic and pre-professional activities in the three departments.

FACILITIES
The College of Communications is equipped with modern laboratory facilities including a state-of-the-art speech and hearing clinic; photography studio; teaching labs for writing and graphics with more than 200 upgraded and networked workstations; television and sound studios and control rooms; video and audio production, postproduction, storage and streaming facilities; a daily newspaper newsroom and production area; Internet radio; dedicated multi-media network and quality video-on-demand and multicast facilities.
The mission of the College of Education is to prepare high quality educators and leaders who engage in research-based instruction and reflective practice, meet ethical and professional standards, participate in innovative collaborative endeavors, are committed to lifelong learning, are dedicated to making the world a better place through education, and whose actions reflect valuing diversity. The College has an exceptional and diverse faculty and staff committed to excellence in teaching, scholarship, and service. Through rigorous inquiry, they look to expand the realm of knowledge about teaching, learning, and educational leadership.

Dean Claire C. Cavallaro
COLLEGE OF EDUCATION

The College provides educators, leaders and professionals in various learning environments with the ability to apply critical and informed thinking to professional practice and problem-solving and to use these skills and attributes to become change agents in their schools, communities and other work places. The College prepares undergraduate students to become active and critical thinkers in order to meet academic requirements related to university learning.

The College of Education is organized into the following departments: Educational Leadership, Elementary and Bilingual Education, Reading, Secondary Education and Special Education. In addition, there is an Instructional Design and Technology program for graduate students, and a Doctor of Education program.

PROGRAMS OFFERED
California Reading Certificate
Certificate, Instructional Design and Technology
Certificate, Postsecondary Reading and Learning
Doctor of Education in Educational Leadership
Education, Master of Science
Bilingual/Bicultural Education (Spanish-English)
Educational Administration
Elementary Curriculum and Instruction Reading
Secondary Education
Special Education
Teaching English to Speakers of Other Languages (For further information refer to the Department of Modern Languages and Literatures section of this catalog.)

Master of Science in Instructional Design and Technology
Teaching Credential (See Teaching Credential Programs section of this catalog)

ACCREDITATION
The College of Education offers high quality programs that meet state and national accreditation standards. The accreditation bodies for the college include:

- California Commission on Teacher Credentialing
- National Council for Accreditation of Teacher Education

STUDENT ORGANIZATIONS
The College of Education supports a variety of student organizations. These include: The Council of Educational Leadership Students; the Education InterClub Council; the Reading Educators Guild; Student California Teachers Association; and the Student Council for Exceptional Children.

SCHOLARSHIPS AND AWARDS
The College of Education offers the following scholarships:

- Alumni Association Scholarship for the College of Education: $1,000
- Ballentine Scholarship: $1000
- Emma Bauman Holmes – Master's Program in Curriculum and Instruction: $1,000
- Emma Bauman Holmes – Multiple Subject Credential Program: $1000
- Brenneman Scholarship: $1000
- Marilyn C. Brewer Scholarship: $3,500
- The College of Education Book Scholarship: $500
- Cracchiolo Award: $1000
- Founders Scholarship: $1000
- Lorenz & Ruth Graham Memorial Scholarship: $500
- Lewis and Deborah Hancock Scholarship in Reading Education: $500 (dependent upon funding)
- Miriam K. Herman Scholarship: Two $500 awards (subject to funding)
- Honor an Educator Scholarship: $1000
- Dorothy C. Klausner Scholarship: $500 (dependent upon funding)
- Krausman Scholarship: $1000
- The Ernest G. Lake Endowed Scholarship: $400 (subject to funding)
- Robert Liebl Scholarship: $2000
- MSIDT Alumni Association Scholarship: $500
- Mildred Ransdorf Donoghue Education Scholarship for the Master’s in Elementary Curriculum & Instruction: $500 (subject to funding)
- Mildred Ransdorf Donoghue Education Scholarship for the Elementary Credential: $500 (subject to funding)
- Reading Educators Guild (REG) Scholarship: $500
- Fannie Shaftel Scholarship: $500 (subject to funding)
- The Bernhard J. and Vivian W. Strand Scholarship: $1000
- The California Retired Teachers Association Scholarship honoring Founder Laura E. Settle: $2000

Full details regarding scholarship requirements and application deadlines can be found at the College of Education Office (CP 500).

CREDENTIAL ADVISEMENT
Students seeking a Multiple Subject, Single Subject or Special Education credential should attend an overview before submitting an application. Information on overview schedules is available in CP 500 or at http://ed.fullerton.edu/adtep.

GRADUATE ADVISEMENT
Graduate students should consult the graduate adviser in their major department before registering for the first semester. No more than nine units may be completed before an approved study plan is filed.
“Our mission is simple. We want to educate engineers and computer scientists who will graduate with state-of-the-art knowledge in their chosen field and are ready to embark on careers in industry and government, or proceed to acquire advanced degrees in their own or related fields. More and more of our graduates are also interested in being entrepreneurs, thanks to the success of so many young people on the West Coast who have become successful in creating wealth via technology.”

Dean Raman Menon Unnikrishnan
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

The curricula of the College of Engineering and Computer Science are designed to prepare students for careers in engineering and computer science and for further study and specialization in graduate work. The faculty of the college is actively involved not only in instruction and scholarship but also in the advisement of students on topics relating to the planning of career and program goals. Cooperative education and internship programs are available.

PROGRAMS OFFERED

- Civil Engineering, Bachelor of Science
  Emphasis in Architectural Engineering
  Concentration in Environmental Engineering
- Computer Engineering, Bachelor of Science
- Computer Science, Bachelor of Science
- Computer Science, Minor
- Computer Science, Master of Science
- Electrical Engineering, Bachelor of Science
- Electrical Engineering, Master of Science
  Option in Systems Engineering
- Mechanical Engineering, Bachelor of Science
  Emphasis in Manufacturing Engineering
- Mechanical Engineering, Master of Science
- Software Engineering, Master of Science
ENGINEERING

Engineering is the application of scientific principles to the solution of practical problems. Engineers are professionals who employ the empirical art and techniques of engineering to the benefit of the society. Throughout the ages, human progress has been able to flourish due to the brilliant minds of engineers. Historical works, such as the Egyptian pyramids, Roman aqueducts, and Greek and Persian monuments, are examples of engineering ingenuity. In the contemporary world, technological breakthroughs, such as computers, lasers and robots, have become reality due to the creativity and imagination of engineers.

People-made wonders, such as Hoover Dam, the Golden Gate Bridge, the Empire State Building and the Gateway Arch on the Mississippi River, are examples of engineering ingenuity. Great inventors like Leonardo da Vinci, Galileo, James Watt and Thomas Edison had exceptional engineering minds.

Engineers need a firm knowledge of the sciences and mathematics, and must be able to analyze complex situations involving people, money, machines and information in order to create workable and economical designs. Engineers often work with others in a team to develop systems and products. The increasing technological complexity of modern society offers opportunities, as well as challenges, to the engineering graduates of the future.

Engineers are employed in practically every field of human endeavor. This includes manufacturing, construction, education, government, health care and business. As society becomes increasingly more technological, an engineering education provides a background for careers that will extend well into the 21st century. There is a real need for more engineering professionals, and so there are tremendous opportunities for everyone, including women and underrepresented minorities, in this field.

The College of Engineering and Computer Science has developed a reputation for excellence in its undergraduate and graduate engineering and computer science programs. The college is committed to providing the student with a solid preparation in the fundamental principles of engineering, as well as the practical experience to use these principles in the solution of engineering problems. The bachelor's degrees in civil, electrical and mechanical engineering are accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone 410-347-7700.

Each engineering degree program incorporates the following three curricular areas: mathematics and basic science courses such as physics and chemistry; engineering topics courses such as thermodynamics, materials science and electrical circuits, which provide a bridge between basic math/science and engineering practice and engineering design courses in which a system, component, process or structure is devised to meet a specific need; general education courses in the arts, humanities and social sciences. Each undergraduate program prepares students for entry into the engineering profession or for further study and specialization in graduate study.

COMPUTER SCIENCE

Computer Science deals with all forms of information, including its representation, storage, structure, display and the processes by which it is transformed and used. Computer science professionals create new systems, such as an inventory control system for a large manufacturer, a navigational system for a new space vehicle or a decision support system for the management of a bank. These people use their technical skills to convert specific needs into specialized programs, procedures and systems that will actually do the job.

Students who pursue the Bachelor of Science in Computer Science degree at Cal State Fullerton are prepared for careers in a variety of fields in business, government and industry. The curriculum emphasizes fundamental concepts exemplified by various types of programming languages, computer architectures, operating systems and data structures.

The computer science program focuses on several curricular objectives that are designed to provide the student with the foundations of the discipline and the opportunity for specialization. The department faculty are well-versed in the discipline through education and work experience.

The Computer Science Department houses five large computer science laboratories with an extensive range of computers and related equipment for student use. The facilities provide ample space for a full range of state-of-the-art systems and equipment.

The Bachelor of Science program is accredited by the Computing Accreditation Association of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone 410-347-7700.

UNDERGRADUATE STUDENT ADVISEMENT

Undergraduate students should call the department office of their major to arrange for advising and approval of their study plans. The College of Engineering and Computer Science has a policy of mandatory advising. Each undergraduate student must see an advisor at least once per year.

Students interested in programs in the college, but without a declared major should contact either the dean's office, for an interest in engineering, or the Computer Science Department office for advisement.

GRADUATE STUDENT ADVISEMENT

Graduate students should consult the graduate adviser in their major department before registering for the first semester. No more than nine units may be completed before an approved study plan is filed.

PROGRAM IN GENERAL EDUCATION

Because of high unit requirements for the Bachelor of Science degrees in Engineering, these programs have modified requirements for general education. Students should consult the department for requirements. Majors in the College of Engineering and Computer Science should take mathematics and other courses in related fields early. General education courses normally should be scheduled throughout the student's program of study.
CASECS is an academic support program designed to recruit, retain and graduate students. CASECS serves educationally disadvantaged students, to the extent possible by law and emphasizes participation by students from groups with low eligibility rates for four-year colleges.

MESA

The goal of the Mathematics, Engineering, Science Achievement (MESA) program is to create opportunities for educationally disadvantaged students, especially those from groups with low college acceptance rates, to prepare for and enter colleges and universities in majors such as engineering, computer science and other mathematics-based scientific fields.

STUDENT ORGANIZATIONS

There are 18 active student organizations in the college. These are student branches of the American Institute of Aeronautics and Astronautics (AIAA), American Society of Civil Engineers (ASCE), American Society of Mechanical Engineers (ASME), Association for Computing Machinery (ACM), Electrical Engineering Honor Society, Eta Kappa Nu (HKN), Institute of Electrical and Electronics Engineers (IEEE), IEEE Computer Society, Institute of Navigation (ION), Instrumentation Systems and Automation Society (ISA), Society of Mexican-American Engineers and Scientists (MAES), National Society of Black Engineers (NSBE), Society of Automotive Engineers (SAE), Computer Science Honor Society, Upsilon Pi Epsilon (UPE), California Chi Chapter of Tau Beta Pi, Society for the Advancement of Materials and Process Engineering (SAMPE), Society of Women Engineers (SWE), Society of Hispanic Professional Engineers (SHPE), Society of Manufacturing Engineers (SME) and Video Game Design Club (VGDC). These 18 societies form the college's Interclub Council.

INTERNSHIPS IN ENGINEERING

Internships for Engineering provide practical work experiences which integrate with and supplement the student’s academic studies. Internship jobs are coordinated through the Center for Internships and Cooperative Education. In order to participate in this program, a student must register for EGGN 495 Professional Practice (1-3) for each semester of internship participation.

GENERAL ENGINEERING COURSES

Courses are designated as EGGN in the class schedule.

205 Digital Computation (3)
(Same as EGME 205)

308 Engineering Analysis (3)
Prerequisites: Physics 226, Math 250B or equivalent. Fundamentals and engineering applications of Fourier series, Fourier transforms, Laplace transforms, complex analysis, vector analysis; engineering applications. (Same as EGCE 308, EGEE 308 and EGME 308)

314 Engineering Economy (2)
Prerequisite: junior or senior standing in engineering. Development, evaluation and presentation of alternatives for engineering systems and projects using principles of engineering economy and cost benefit analysis. (Same as EGME 314)

403 Computer Methods in Numerical Analysis (3)
Prerequisites: Math 250B and EGGN 205 or equivalent. Use of numerical methods and digital computers in the solution of algebraic, transcendental, simultaneous, ordinary and partial differential equations.

495 Professional Practice (1-3)
Prerequisite: junior or senior standing in engineering. Professional engineering work in industry or government. Written report required. May be repeated for credit. Applicable towards bachelor’s degree programs. Not for credit in the graduate program.
Our college offers programs that focus on areas of broad human concern – the health, development and well-being of people of all ages, from infancy to older adult years. I welcome you to the College of Health and Human Development and the opportunity to learn the knowledge and skills needed to make a lasting contribution to the world in which we live.

Dean Roberta E. Rikli
COLLEGE OF HEALTH AND HUMAN DEVELOPMENT

Through its teaching, scholarship and service mission, the College of Health and Human Development provides students with an education that contributes to their intellectual, personal and professional development. Emphasis is placed on theory and practice, with special attention to the development of critical thinking and humanistic skills needed to function in a widely diverse and ever-changing society. Programs in the college lead to traditional academic degrees at the baccalaureate and graduate levels, as well as to a variety of specific certificates, credentials and licenses.

The College of Health and Human Development is organized into the following departments and programs: Child and Adolescent Studies, Counseling, Health Science, Human Services, Kinesiology, Military Science, Nursing and Social Work.

PROGRAMS OFFERED
Child and Adolescent Development, Bachelor of Science
  Early Childhood Development
  Elementary School Settings
  Adolescent/Youth Development
  Family and Community Contexts
Child and Adolescent Development, Minor
Counseling, Master of Science
Health Science, Bachelor of Science
Health Science, Minor
Human Services, Bachelor of Science
Human Services, Minor
Kinesiology, Bachelor of Science
Kinesiology, Bachelor of Science in Athletic Training
Kinesiology, Minor
Kinesiology, Master of Science
Military Science, Minor
Second Lieutenant Commission, U.S. Army
Nursing, Bachelor of Science (RN to BSN)
Prelicensure to BSN
Nursing, Master of Science
Accelerated RN to MSN
Nurse Anesthetist
Nursing Leadership
Prelicensure to MSN
School Nursing
Women's Health Care
Master of Public Health
Master of Social Work

ACCREDITATIONS/LICENSES
The College of Health and Human Development offers high quality programs that meet state and national accreditation standards. Major accrediting bodies for college programs include:
- American College of Nurse Midwives
- American Association of Nurse Anesthetists
- California Board of Registered Nursing
- California Commission on Teacher Credentialing
- Commission on Accreditation of Athletic Training Education
- Commission on Collegiate Nursing Education
- Council in Education for Public Health
- Council on Accreditation for Counseling and Related Educational Programs
- Council for Social Work Education
- Council for Standards in Human Services Education

RESEARCH CENTERS AND INSTITUTES
In addition to its academic degree programs, the college also sponsors the following interdisciplinary centers and institutes. For additional information, see the Research Centers section of the catalogue.
- Center for Cancer Disparities Research
- Center for Community Collaboration
- Center for the Promotion of Healthy Lifestyles and Prevention of Obesity
- Center for the Advancement of Responsible Youth Sports
- Center for Successful Aging
- Fall Prevention Center of Excellence
- Fibromyalgia Research and Education Center
- Health Promotion Research Institute
- Sports and Movement Institute

STUDENT ORGANIZATIONS
The College of Health and Human Development is proud of its active student organizations and honor societies. The following department-based organizations combine to form the College of H&HD Inter-Club Council:
- Alpha Lamba (ROTC)
- Child and Adolescent Studies Student Association
- Chi Sigma Iota Counseling Academic and Professional Honor Society, International, Kappa Omega Chapter
- Eta Sigma Gamma Honorary Society, Delta Rho Chapter, Health Science
- Graduate Counseling Student Association
- Human Services Student Association
- Kappa Omicron Nu Honor Society, Kinesiology
- Kinesiology and Health Science Student Association
- Nursing Students Association
“Students new to the College of Humanities and Social Sciences appreciate how friendly and helpful our faculty are. Classes are ‘student friendly’, and students discover many opportunities for participation with their teachers in research, projects, conference presentations and in service learning. Our faculty make a really positive difference in students’ lives.”

Dean Thomas Klammer
COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

The College of Humanities and Social Sciences (H&SS) offers students the breadth of a traditional liberal arts education in the humanities and social sciences while preparing them for a wide range of professions, for graduate school and for advanced professional study in fields such as law, public administration, clinical psychology and business. In fact, the college is home to 20 different departments and programs, most offering both bachelor’s and master’s degrees. Our faculty and staff are student-centered and enjoy providing friendly, personal guidance and mentoring to our students. That’s why the College of H&SS is the right place for so many Cal State Fullerton students.

Many of our students intend to become teachers, and each of our programs includes a track that prepares students for entry into the elementary school teaching credential program. For those seeking to become high school teachers, we offer programs leading to secondary credentials in English/Language Arts, Foreign Languages and History/Social Science.

In the College of Humanities and Social Sciences, students know that “the name of your major does not have to be the same as the name of your career.” In fact, for most college students, it rarely is. All majors in H&SS provide students with the broad education and core skills (reading, writing, critical thinking, working in teams, public speaking) that will be attractive to employers in whatever career or field a graduate may later choose.

The majors in the Humanities and Social Sciences not only prepare students for the profession of their choice, but also help them to excel in coursework throughout their time at the university. If you’re a student working on an assignment that involves complex analysis, critical thinking or persuasive communication, your studies in one of the degree programs in the College of Humanities and Social Sciences will provide you with what you need to succeed in your classes at the university and in any professional field.

Of course, learning takes place outside of the formal structure of classes, as well. We give a high priority to involving students directly in faculty research and professional internships. And each of our departments includes one or more student clubs and organizations that promote life-long friendships, social activities and service projects.
The H&SS Interclub Council (ICC) provides additional leadership opportunities for students in the College, as well as promoting communication among more than 50 clubs and organizations run by and for Humanities and Social Sciences students.

Listed below are the many majors, minors and graduate degrees offered within the College of Humanities and Social Sciences. Academic advisement is provided by each of the college's departments and programs, as well as in our Student Access Center located in Humanities 112.

PROGRAMS OFFERED

- Afro-Ethnic Studies (Option in B.A. Ethnic Studies)
- Afro-Ethnic Studies, Minor
- American Studies, Bachelor of Arts
- American Studies, Master of Arts
- American Studies, Minor
- Anthropology, Bachelor of Arts
- Anthropology, Master of Arts
- Anthropology, Minor
- Asian American Studies (Option in B.A. Ethnic Studies)
- Asian American Studies, Minor
- Asian American Studies, Minor
- Asian American Studies, Minor
- Chicana/o Studies (Option in B.A. Ethnic Studies)
- Chicana/o Studies, Minor
- Christian Studies, Minor
- Comparative Literature, Bachelor of Arts
- Criminal Justice, Bachelor of Arts
- Criminal Justice, Minor
- English, Bachelor of Arts
- English, Master of Arts
- English, Minor
- Environmental Studies, Master of Science
  - Environmental Sciences
  - Environmental Policy and Planning
  - Environmental Education and Communication
- Ethnic Studies, Bachelor of Arts
- European Studies, Bachelor of Arts
- European Studies, Minor
- French, Bachelor of Arts
- French, Master of Arts
- French, Minor
- Geography, Bachelor of Arts
  - Urban Geography
  - Environmental Analysis
- German, Bachelor of Arts
- German, Master of Arts
- German, Minor
- Gerontology, Master of Science
- Gerontology, Minor
- Gerontology, Certificate
- History, Bachelor of Arts
- History, Master of Arts
- History, Minor
- International Politics, Minor
- Japanese, Bachelor of Arts
- Japanese, Minor
- Jewish Studies, Minor
- Latin American Studies, Bachelor of Arts
- Latin American Studies, Minor
- Law, Politics and Society, Minor
- Liberal Studies, Bachelor of Arts
- Liberal Studies, Minor
- Linguistics, Bachelor of Arts
- Linguistics, Master of Arts
  - Applied Linguistics
  - Anthropological Linguistics
  - Analysis of Special Language Structures
  - Communication and Semantics
  - Disorders of Communication
- Linguistics, Minor
- Philosophy, Bachelor of Arts
  - Social, Moral and Legal Philosophy for the Professions
- Philosophy, Minor
- Political Science, Bachelor of Arts
- Political Science, Master of Arts
- Political Science, Minor
- Portuguese, Minor
- Psychology, Bachelor of Arts
- Psychology, Master of Arts
  - Psychology, Master of Science Clinical
- Psychology, Minor
- Public Administration, Bachelor of Arts
Public Administration (M.P.A.)
  Criminal Justice
  Human Resources
  Public Finance
  Urban Management
Public Administration, Minor
Religious Studies, Bachelor of Arts
Religious Studies, Minor
Sociology, Bachelor of Arts
  Deviance and Socio-Legal Studies
  Education
  Family
  Gerontology
  Social Work
  Sociology of Class, Race and Gender
Sociology, Master of Arts
Sociology, Minor
Spanish, Bachelor of Arts
Spanish, Master of Arts
Spanish, Minor
Teachers of English as a Second Language (Certificate)
Teaching English to Speakers of Other Languages-TESOL
  (Concentration in M.S. Education)
Women’s Studies, Bachelor of Arts
Women’s Studies, Minor

HUMANITIES COURSES

350T Life and Culture Abroad (3)
  Prerequisite: completion of General Education Categories III.B.1. and III.B.2. Interdisciplinary course to give students a broad background to culture and civilization abroad. Takes a social, historical and cultural approach to contemporary societies abroad. Examines traditions and institutions to help understand the 21st century way of life abroad. Related field trips. (Course only offered as part of CSUF Humanities Study Abroad Program.)
“We provide a comprehensive educational experience to all students through student-centered, inquiry-based instruction in the classroom and the laboratory. We view research experience for students as an essential and necessary component in the learning of science.”

Dean Steven N. Murray
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

The curricula of the College of Natural Sciences and Mathematics are designed to prepare students for careers in scientific, mathematical and other technical fields; for further study and specialization in advanced graduate work; and for entry into professional schools of medicine and other health-related disciplines. The faculty of the college is actively involved not only in instruction and research but also in the advisement of students in the college on topics relating to the planning of career and program goals. Cooperative education internship programs are available in each of the College’s Departments.

The College sponsors a variety of professional and educational programs at which students and faculty have an opportunity to meet with their counterparts. The College also has an external advisory council.

**PROGRAMS OFFERED**
- Biological Science, Bachelor of Science
- Biology, Master of Science
- Biochemistry, Bachelor of Science
- Biotechnology, Minor
- Chemistry, Bachelor of Arts
- Chemistry, Bachelor of Science
- Chemistry, Minor
- Chemistry, Master of Science
- Geology, Bachelor of Science
- Geology, Minor
- Geology, Master of Science
- Mathematics, Bachelor of Arts
Recommended Preparation
For a career in mathematics or science, a sound foundation is essential. High school preparation should include:
- At least three, preferably four, years of mathematics
- Chemistry and/or physics, preferably both
- Two or three years of foreign language

Community college preparation should include at the minimum:
- College writing
- Calculus
- College chemistry
- First course in the major
- Qualifying Examinations

Enrollment in introductory courses is restricted to those who are adequately prepared, as shown by performance on qualifying examinations. In addition, the Entry Level Mathematics (ELM) examination is required of all students unless exempt.

UNDERGRADUATE STUDENT ADVISEMENT
Undergraduate students should call the department office of their major to arrange for advising and approval of their study plan. University policy requires students to see an adviser each of their first two semesters and every year thereafter. Most departments prefer to advise their majors more frequently. Students interested in programs in the College, but without a declared major should call the Office of the Dean for advisement.

ADVISEMENT FOR HEALTH PROFESSIONS
It is important for any student interested in a career in the health professions to seek advisement at the Health Professions Office prior to registering for the first semester.

GRADUATE STUDENT ADVISEMENT
Graduate students should consult the graduate adviser in their major department before registering for the first semester. No more than nine units may be completed before an approved study plan is filed.

SCHOLARSHIPS AND AWARDS

General
- Diefenderfer Award. Presented annually to an outstanding woman or minority student
- College of Natural Sciences and Mathematics’ Alumni Association Scholarship for Scholastic Achievement
- Jewel Plummer Cobb Scholarship for Scholastic Achievement. Awarded to an outstanding, underrepresented science major
- Wolfram Award in Computational Science. Award offers a lifetime copy of Mathematica software to student who demonstrates greatest potential in computational science.

Health Professions
- Miles McCarthy Health Professions Award. Annually awarded to the outstanding graduate from the program for the health professions
- Kenneth Goodhue-McWilliams Award. For outstanding contributions to community service by a health professions student

Chemistry and Biochemistry
- American Chemical Society Award. Recognizes a graduating senior chemistry-biochemistry major for exemplary academic achievement
- American Institute of Chemists Award. Presented to a graduating senior who has demonstrated outstanding scholarship and undergraduate research
- James Sternberg Scholarship. Awarded to an outstanding first-year graduate student
- Glorya Welch Scholarship. Presented to an outstanding transfer student (from a local community college)
- Glenn Nakaya Scholarship. Given to an outstanding, deserving undergraduate chemistry student based on academic achievement
- The Lyle Wallace Award. For service to the Department of Chemistry and Biochemistry
- The Hypercube Scholar Award recognizes a graduating senior for accomplishments in molecular modeling/computational chemistry

Other awards made by the Department of Chemistry and Biochemistry are the:
- Freshman Chemistry Award and the Undergraduate Awards for Achievement in Organic Chemistry and in Analytical Chemistry
- CSUF Institute of Gerontology Outstanding Student in Biochemistry Award. Given to an outstanding biochemistry student engaged in studies on aging
- Mark Lackey Award. For graduate student teaching
- Glenn Nagel Scholarship. To provide support for summer undergraduate research
- Robert C. Belloli Future Chemistry Teacher Scholarship. To provide support for future junior high school or high school chemistry teachers.
Biology
Rachel Carson Award. A commemoration of the ideals of Rachel Carson
Biology Chair’s Undergraduate Research Scholarship for biology majors
Friends of the Arboretum, David L. Walkington Scholarship. For an outstanding biology student who has chosen botany for a career
Donald Gardner Memorial Scholarship to recognize individuals who have demonstrated a love of teaching biology
Dr. and Mrs. Donald B. Bright Environmental Scholarship. For students interested in careers in environmental biology
Stanley Hillman and Lon McClanahan Scholarship in plant or animal physiological ecology. For graduate students engaged in research in these subjects
Coppel Graduate Science Award. Awarded to biology graduate students
L. Jack Bradshaw Scholarship. Awarded to upper-division undergraduate or graduate students planning a career in immunology
Jerome Wilson Memorial scholarship. Awarded to biology students with an interest in genetics
Kenneth Goodhue-McWilliams First Instar Award for Teaching Excellence. Awarded to promising new graduate student-teaching associate
Kenneth Goodhue-McWilliams Metamorphosis Award in Teaching Excellence. Awarded to a continuing graduate student teaching assistant
Dharm Vireo Pellegrini Memorial Research Grant. Awarded to biology students engaged in ornithological field research
Dr. and Mrs. Marvin J. Rosenberg Scholarship. Awarded to students in cell or molecular biology
Judith A. Presch Endowment Desert Research Scholarship. For students pursuing research in the Mojave Desert
David L. Walkington Memorial Scholarship. For upper-division or graduate biology students

Geology
Outstanding Service Award for graduating senior students in recognition of extraordinary service to the department community
Outstanding Major Award for academic achievement and collegiality
Outstanding Academic Achievement for academic achievement in geology coursework
John D. Cooper Field Camp Award. For outstanding field research performance
Prem K. Saint Hydrology Award. For research and study of hydrology
Marilyn A. Brown Scholarship
Margaret T. Skillman Woyak Scholarship. For geology majors

Mathematics
The Department of Mathematics recognizes excellent academic achievement and service by undergraduate and graduate students in a number of awards, including the Outstanding Teaching Award, the Outstanding Math Scholar, the Math Club Scholarship, the Lila B. Hromadka and Major Theodore Hromadka Award, and a Service Award.

Actuarial Studies Scholarship. Recognizes academic achievement for students in actuarial science
The Brandon Nghi Tran Memorial Scholarship
Santa Ana/CSUF Mathematics Scholarship. For Santa Ana High School students enrolling at CSUF
The Stiehl Prize for Excellent in Mathematics. For exceptional honor students
Rose Klein Award in Algebra and Probability for the Secondary Teacher

Physics
The Dan Black Scholarship provides support to a junior Physics major based on need and promise, and is renewable for the senior year
The Dan Black Physics/Business Scholarship assists students enrolled in the business emphasis of the physics major and promotes entrepreneurship with physics majors
The Department of Physics honors the memory of Edward Lee Cooperman, and a scholarship in his name goes to an outstanding student
The Constance Beech Eiker-Raymond V. Adams Creativity Award is given to a student who developed an outstanding set of instructional laboratory experiments
The Dr. Robert W. Kedzie Award recognizes the most improved Physics major

Norman Nitzberg Awards in Experimental Physics

Funded Research Opportunities
MARC (Minority Access to Research Careers)
This NIH-supported program develops six exceptional under-represented scholars in the biomedical sciences and prepares them for success in PhD programs.

REU (Research Experience for Undergraduates) Program
This NSF-funded program provides students interested in research and pursuit of PhD degrees in chemistry and biochemistry, with support to carry out research during the summer months. Applicants are accepted from all over the country and from local community colleges.

MHIRT (Minority Health & Health Disparities International Research Training) Program
This NIH-sponsored program provides minority students the opportunity to carry out research during the summer at laboratories in England, Mexico or Thailand.

Individual Faculty Research Projects
RECOMMENDED PROGRAM IN GENERAL EDUCATION

Majors in the College of Natural Sciences and Mathematics should take mathematics and other courses in related fields early in their academic careers. General education courses normally should be scheduled throughout the study sequence.

Because of high unit requirements for the Bachelor of Science in Chemistry, this program has modified requirements for general education. Students should consult the department for particulars.

CERTIFICATE IN PRE-HEALTH PROFESSIONS STUDIES

This certificate program provides the required and appropriate coursework for post-baccalaureate students who wish to change career direction and prepare for medical, dental or pharmacy professional schools. The program includes the facilities of an advising center with support for many issues related to the health professions. It is not for science majors wishing to improve their academic records or test scores in anticipation of application to professional schools.

Application Deadlines

Students are encouraged to apply for admission as soon as possible by submitting an online application starting on Oct. for fall admission and Aug. for spring admission (see http://www.csumentor.edu). Because of the limited number of students that can be accepted into this program, application deadlines may be changed based on enrollment projections.

Admission

Admission is competitive. Applicants will be evaluated based on the following:

1. Acceptable bachelor’s degree in a non-science-based discipline from an appropriately accredited institution;
2. Minimum grade point average of at least 3.0 in the last 60 semester units attempted, and applicant must be in good standing at last college attended;
3. A well-written, one-page statement of purpose.

Students with deficiencies in mathematics or who require additional science background in order to take the required courses are encouraged to complete the necessary coursework prior to enrolling in the certificate program. Under no circumstances will such coursework be credited towards the Pre-Health Professions Studies certificate program requirements.

Study Plan

The Certificate in Pre-Health Professions Studies requires a minimum of 50 units of approved coursework, most of which will be required by the professional schools. Other courses required for this program are either highly recommended by professional schools or important for standardized test preparation. Each student, in consultation with the Health Professions Coordinator or his or her representative, will develop a program for the student that will include the following courses or their equivalents:

- Biology 172 Cellular Basis of Life (5)
- Biology 273 Genetics and Molecular Biology (5)
- Chemistry 120A General Chemistry (5)
- Chemistry 120B General Chemistry (5)
- Chemistry 301A Organic Chemistry (3)
- Chemistry 301B Organic Chemistry (3)
- Chemistry 302 Organic Chemistry Lab (2)
- Chemistry 421 Biological Chemistry (3)
- Physics 211 Elementary Physics (3)
- Physics 211L Elementary Physics Lab (1)
- Physics 212 Elementary Physics (3)
- Physics 212L Elementary Physics Lab (1)
- Math 130 or 150A A Short Course in Calculus or Calculus (4)

In addition, seven to 11 units of appropriate coursework determined in consultation with the Health Professions Coordinator shall be taken from the following list of courses or their equivalents:

- Biology 302 General Microbiology (4)
- Biology 303 Intermediate Cell Biology (3)
- Biology 309 Intermediate Molecular Biology (3)
- Biology 361 Human Anatomy (4)
- Biology 362 Mammalian Physiology (4)
- Philosophy 314 Medical Ethics (3)
  OR Philosophy 316 Research Ethics (3)

For more detailed information or advisement, students should contact the Health Professions Advising Office.
California State University Fullerton offers more than 100 undergraduate and graduate degrees in a wide variety of academic fields. Many of these disciplines also provide opportunities for concentrations and special emphasis areas within a given degree. Please see the applicable academic department or program descriptions beginning on the pages indicated below:

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<td>History – M.A.</td>
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<tr>
<td>Information Systems – M.S.</td>
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<tr>
<td>Information Technology – M.S. (online only)</td>
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<tr>
<td>Instructional Design and Technology – M.S. (online only)</td>
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<td>Kinesiology – M.S.</td>
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<tr>
<td>Library and Information Science – M.S. (thru San Jose State)*</td>
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<td>Linguistics – M.A.</td>
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<td>Mathematics – M.A.</td>
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<td>Music – M.A. and M.M.</td>
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<td>Psychology (Clinical) – M.S.</td>
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<td>Public Administration – M.P.A.</td>
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<td>Public Health – M.P.H.</td>
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<td>Science (Teaching) – M.A.T.</td>
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<td>Speech Communication – M.A.</td>
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<td>Taxation – M.S.</td>
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<td>Theatre Arts – M.F.A.</td>
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### Doctoral Degree: (1)

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<th>Discipline</th>
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<td>Educational Leadership – Ed.D.</td>
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*The M.S. in Library and Information Science is offered through San Jose State; it is not included in the master’s degree count.*