



# Colleges

# COLLEGE OF THE Arts

**DEAN**

Jerry Samuelson

**ASSOCIATE DEAN**

Joseph Arnold

**ASSISTANT DEAN, STUDENT AFFAIRS**

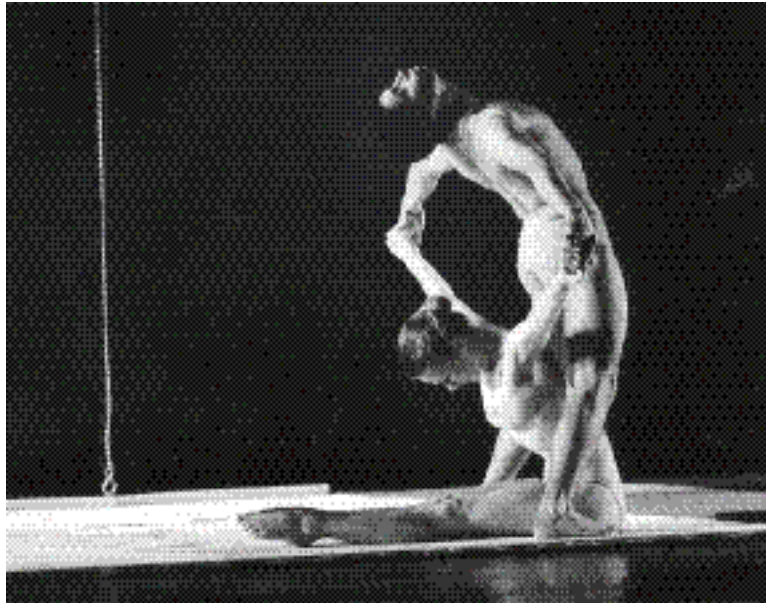
Craig Haggett

**DEAN'S OFFICE**

Visual Arts 199  
(714) 278-3256

**COLLEGE WEBSITE**

<http://www.fullerton.edu/arts/>



*“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

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

Acting

Directing

Entertainment Studies

Playwriting

Technical Production/Design

Teaching

Theatre, Bachelor of Fine Arts

Musical Theatre

Theatre Arts, Master of Fine Arts

Acting

Directing

Design and Technical Production





# COLLEGE OF Business and Economics

**DEAN**

Anil Puri

**ASSOCIATE DEAN, ADMINISTRATION**

Katrin R. Harich

**ASSOCIATE DEAN,  
ACADEMIC PROGRAMS**

Thomas W. Johnson

**ASSISTANT DEANS**

Robert Miyake, Academic Advisement  
Vacant, Student Affairs

**DEAN'S OFFICE**

Langsdorf Hall 700  
(714) 278-2592

**COLLEGE WEBSITE**

<http://business.fullerton.edu>

*“Welcome to the nationally accredited  
College of Business and Economics-  
home of the second largest  
undergraduate business program  
in the United States. The college  
leads the region in meeting the needs  
of its diverse student body and  
provides the latest skills for business  
success in today's global economy.”*

Dean Anil K. Puri  
COLLEGE OF BUSINESS  
AND ECONOMICS



Programs of study in the College of Business and Economics equip men and women with the intellectual and professional tools needed to assume responsible positions in business, industry, education, government and social service. The College offers a broad exposure to business and economics. Behavioral and quantitative sciences are studied in both theoretical and applied contexts. Mathematics is used as a key tool in the analysis of complex problems and in the interpretation of data. Emphasis is placed on effective oral and written communication. Students are made aware of the need for imaginative, innovative solutions to business problems that encompass human needs and ethical objectives.

The College provides the opportunity to develop technical expertise in a chosen discipline at a beginning professional level acceptable to prospective employers. Nine concentrations are offered within the business administration major, as well as an economics major, an international business major and a business education credential program.

The College of Business and Economics offers the only undergraduate and graduate programs in Orange County accredited by the Association to Advance Collegiate Schools of Business for both Business Administration and Accounting. Accreditation assures a rigorous course of study. It also indicates a well-qualified faculty, high standards for students, access to computing and an extensive library system.

## 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  
Business Administration, Minor  
Business Administration, (M.B.A)  
Accounting  
Business Economics  
E-Commerce  
Entrepreneurship  
Finance  
Information Systems  
International Business  
Management  
Management Science  
Marketing  
Economics, Bachelor of Arts  
Economics, Minor  
Economics, Master of Arts  
Information Systems, Minor  
International Business, Bachelor of Arts  
Chinese  
French  
German  
Japanese  
Portuguese  
Spanish  
Information Systems, Master of Science  
Decision Sciences  
E-Commerce  
Taxation, Master of Science

## MISSION AND GOALS STATEMENT

The College of Business and Economics (CBE) is committed to delivering high-quality, accessible, and affordable undergraduate and graduate programs to a diverse student population. The College also contributes to the business community by providing research, consulting, continuing education, and training programs.

In pursuit of its mission, the CBE:

1. Offers students programs that prepare them for careers in business and graduate programs that foster professional career advancement by developing their:

- Critical thinking, analytical and problem solving skills
- Interpersonal, team work, leadership and communication skills
- Awareness of ethical issues and responsibilities
- Functional business knowledge
- Multicultural understanding
- Technology skills
- Awareness of the global economy

2. Provides its current and future students:

- Outreach and recruiting programs
- Career planning, internship, and placement assistance
- Student support services and extra-curricular activities
- Access to off site and distance-learning programs

3. Attracts, develops, and retains highly qualified, diverse faculty by encouraging and rewarding:

- Teaching excellence and innovative instructional development
- Active participation in applied and basic research
- Involvement in professional activities and university service

4. Supports high-quality teaching, learning, and research by maintaining:

- A program of assessment
- An up-to-date technology infrastructure
- An attractive and well-equipped instructional environment
- A program of fundraising from individuals and corporate sponsors

5. Promotes alumni and business involvement through:

- Outreach events
- Centers and institutes

- Interaction with CBE alumni and business practitioners

## PREPARATION FOR UNDERGRADUATE DEGREE PROGRAMS

Algebra and geometry are necessary for many required business courses. The equivalent of three years of high school mathematics, including a second course in algebra, is the prerequisite for the required Math 135 Business Calculus. Students without the necessary background should enroll in Math 115 College Algebra.



Business students are encouraged to take courses in sociology, psychology, anthropology, speech communication, political science, history, philosophy, geography and foreign languages. Many courses in these fields may be used to meet general education requirements. For the international business degree, intermediate level competency in a foreign language, equivalent to Foreign Language 204 courses, is prerequisite to the required concentration courses. It is strongly recommended that students planning to major in international business complete a minimum of three years of foreign language study while in high school.

## **BUSINESS ADVISING CENTER**

Langsdorf Hall, Room 731

### **Undergraduate Program Advising**

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 should see an adviser immediately regarding transfer credit. For information on general education, consult the Academic Advisement Center.

### **Graduate Program Advising**

The graduate adviser (in the Business Advising Center) provides 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.

### **TRANSFER CREDIT FOR BUSINESS AND ECONOMICS COURSES**

Students should see an adviser as soon as possible regarding transfer credit. College-level courses successfully completed at another college or university may be applied toward the requirements of the CBE subject to the approval of the appropriate department chair. Lower division courses completed at an appropriately accredited institution with a grade of "C" or better that are equivalent in content and level may be considered. Upper-division transfer courses will be considered if the course is (a) equivalent in content and level, (b) completed with a grade of "C" or better, and (c) taught in an Association to Advance Collegiate Schools of Business accredited program. Exceptions require thorough documentation evidencing the above standards. Lists of approved equivalent courses from local community colleges are available in the Business Advising Center. All other courses are subject to approval by the department chair concerned. In these cases,

the student must supply catalog descriptions, course outlines and textbook titles. Courses taken in the extension division of another university, or by correspondence, are generally not acceptable.

### **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 Cooperative Education.

### **HONORS PROGRAM**

The Business Administration Honors Program offers to highly motivated students the opportunity to take enriched coursework in the foundation areas of the business major. Courses in the honors program are smaller in class size, provide challenging learning experiences, individual attention from selected professors, and closer interaction with other similarly motivated students.

Students in honor sections are encouraged to develop and discuss ideas in an active, imaginative and original way. Professors contribute by making creative use of curricular materials and student assignments. Students interact personally and intensively with their faculty and classmates. In addition, students are given the opportunity to be partnered with a corporate executive mentor and be given special assistance in securing an internship during the senior year.

Business Administration students with 45 or more units who have a cumulative grade point average of at least 3.5 are eligible to enter the Honors program. Students must maintain a 3.4 or higher grade point average in order to remain in the program. Students in good standing in the Business Administration Honors program shall receive registration priority into designated honors sections.

### **Recognition for Honor Students**

Students who successfully complete the requirements of Business Administration Honors program shall have an appropriate notation placed on their permanent record and shall be awarded a Certificate of Honors upon graduation.

For additional information, please contact the Business Advising Center, Langsdorf Hall 731, (714) 278-2211.

### **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), Financial Management Association Honor Society (finance), Omega Rho (MS/IS), Phi Kappa Phi (all-campus), Pi Sigma Epsilon (marketing). In addition there are the following clubs which students are encouraged to join: Accounting Society, Association Internationale des Etudiants en Sciences Economiques et Commerciales (AIESEC), American Marketing Association, Association of Information Technology Professionals (AITP), Business Inter-Club (BICC), Delta Sigma Pi (business fraternity), Economics Association, Finance Association, Society for the Advancement of Management (SAM), Trans-Pacific Leadership Program, Xicano Business.

### **CBE GENERAL SCHOLARSHIPS**

Stephen J. Barres Leadership Award

Richard Glassman Scholarship

National Electronics Distributors Association, Southern California Chapter Scholarship

Executive Council Outstanding Student Award

Theodore H. Smith Outstanding Graduate Student Award

Frank P. Stanek Continuing Junior Scholarship

Francisco J. Valle Scholarship

Samuel Mendoza Memorial Scholarship

Yokohama Tire Corporation Scholarship

See also awards listed under each department. For additional information on awards and scholarships available to business students, contact the Office of the Dean, Langsdorf Hall 700.

## **COMPUTER FACILITIES**

The CSUF Information Technology in the Library and the CBE Satellite Computer Laboratories in McCarthy Hall are available for student use. Computer facilities are generally available evenings and weekends during the school year.

## **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, M.B.A.

Economics:

Economics, B.A.

Economics, Minor

Economics, M.A.

International Business:

International Business, B.A.

Information Systems and Decision Sciences:

Information Systems, M.S.

# COLLEGE OF Communications

**DEAN**

Rick D. Pullen

**ASSOCIATE DEAN**

Fred Zandpour

**ASSISTANT DEAN, STUDENT AFFAIRS**

Peggy Garcia Bockman

**DEAN'S OFFICE**

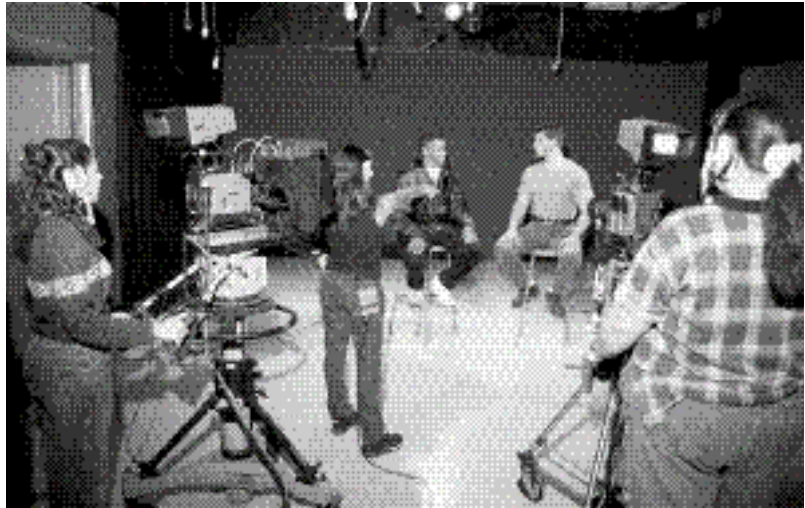
College Park Building, Suite 450  
(714) 278-3355

**COLLEGE WEBSITE**

<http://communications.fullerton.edu>

*“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; television studios; 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, 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 recording 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

Advertising, Minor  
Communications, Bachelor of Arts  
    Advertising  
    Entertainment Studies  
    Journalism  
    Photocommunications  
    Public Relations  
Communications, Master of Arts  
Communicative Disorders, Bachelor of Arts  
Communicative Disorders, Master of Arts  
Journalism, Minor  
Speech Communication, Bachelor of Arts  
Speech Communication, Minor  
Speech Communication, Master of Arts  
Radio-TV-Film, Bachelors of Arts  
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 pre-professional 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 Club; 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 Speech Communication is accredited by the American Speech-Language-Hearing Association.

## INTERNSHIPS

A wide variety of student internships are 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 Speech Communication's internship is normally taken sometime in the junior or senior year.

## SCHOLARSHIPS AND AWARDS

Some \$30,000 in scholarships and awards is presented annually to students in the College of Communications. Among the sponsors of scholarships are the Advertising Club of Orange County, the Business/Professional Advertising Association of Orange County, the Hearst Foundation, the Orange County chapter of the Public Relations

Society of America, and the Los Angeles Times. 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, post-production, storage and streaming facilities; film editing laboratory; a daily newspaper newsroom and production area; Internet radio; dedicated multi-media network and quality video-on-demand and multicasting facilities.



# COLLEGE OF Engineering and Computer Science

**DEAN**

Raman Unnikrishnan

**ASSOCIATE DEAN**

David Falconer

**ASSISTANT DEAN, STUDENT AFFAIRS**

Lisa Jones

**DEAN'S OFFICE**

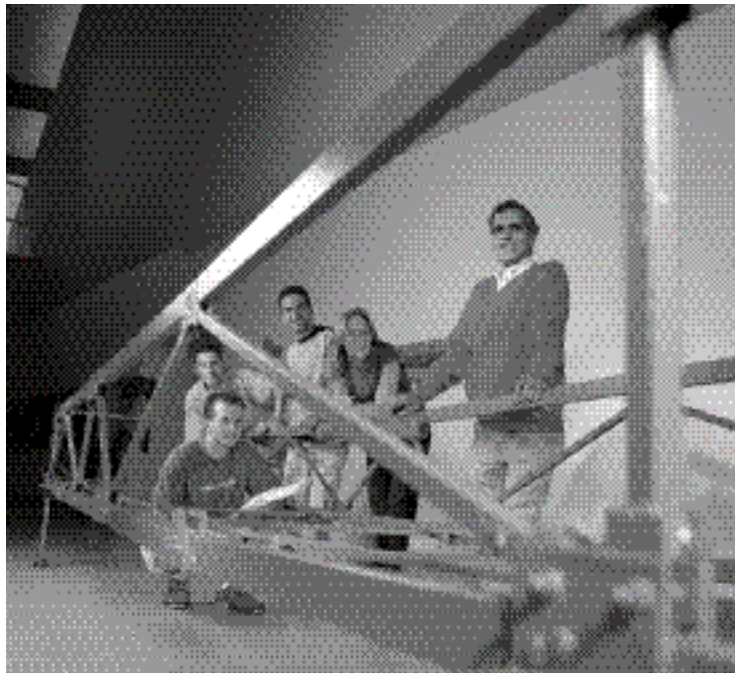
Computer Science 502  
(714) 278-3362

**COLLEGE WEBSITE**

<http://www.fullerton.edu/ecs>

*“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

Computer Science, Bachelor of Science  
Computer Science, Minor  
Computer Science, Master of Science  
Civil Engineering, Bachelor of Science  
    Emphasis in Architectural Engineering  
Civil Engineering, Master of Science  
    Concentration in Environmental Engineering  
Electrical Engineering, Bachelor of Science  
Electrical Engineering, Master of Science  
    Option in Systems Engineering  
Engineering, Bachelor of Science  
    Emphasis in Pharmaceutical Engineering  
    Option in Engineering Science  
Engineering, Master of Science  
    Option in Engineering Science  
Mechanical Engineering, Bachelor of Science  
    Emphasis in Manufacturing Engineering  
Mechanical 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, the Roman aqueducts, and the Greek and Persian monuments, are examples of engineering ingenuity. In the contemporary world, the technological breakthroughs, such as computers, lasers, and robots, have become reality due to the creativity and imagination of engineers.

People-made wonders, such as the 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 both 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 which 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 an applied science, as well as the practical experience to use these principles in the solution of engineering problems.

At Cal State Fullerton students who are pursuing the bachelor's degrees in civil, electrical, or mechanical engineering are affiliated with one of the college's three engineering departments. These programs are accredited by the Accreditation Board for Engineering and Technology (ABET).

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;

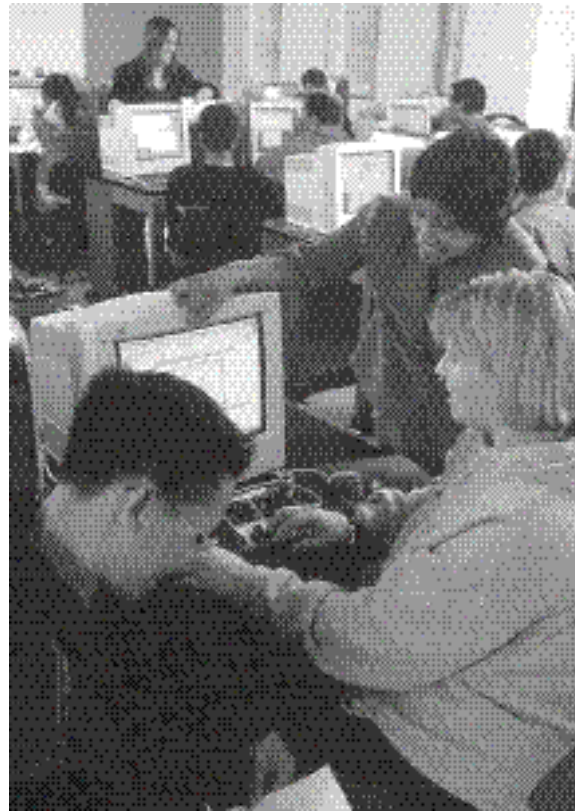
General education courses in the arts, humanities, and social sciences.

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 phases 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, or 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, which is accredited by the Accreditation Board for Engineering and Technology, 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

highly versed in the discipline through education and work experience.

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

### **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 Engineering Division Office 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.

### **MESA ENGINEERING PROGRAM (MEP)**

The MESA Engineering Program (MEP) is an academic support program designed to recruit, retain and graduate students. MESA 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 14 active student organizations in the college. These are student branches of American Society of Civil Engineers (ASCE), American Society of Mechanical Engineers (ASME), Association for Computing Machinery (ACM), Institute of Electrical and Electronics Engineers (IEEE), Society of Mexican-American Engineers and Scientists (MAES), National Society of Black Engineers (NSBE), Society of Automotive Engineers (SAE), 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), Instruments Society of America (ISA), International Society for Pharmaceutical Engineering (ISPE) and Society of Manufacturing Engineers (SME). These 14 societies form the college's Interclub Council.





# COLLEGE OF Human Development and Community Service

**DEAN**

Roberta E. Rikli

**ASSOCIATE DEANS**

L.Y. (Mickey) Hollis

Ellen Junn

**ASSISTANT DEAN, STUDENT AFFAIRS**

Nancee Buck

**DEAN'S OFFICE**

Education Classroom Building 324

(714) 278-3311

**COLLEGE WEBSITE**

<http://hdcs.fullerton.edu>



*“Our college offers programs that focus on areas of broad human concern—the education of children and youth and the health, development, and well-being of people of all ages from infancy to older adult years. I welcome you to the College of Human Development and Community Service 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 HUMAN DEVELOPMENT  
AND COMMUNITY SERVICE

Through its teaching, scholarship, and service mission, the College of Human Development and Community Service provides students with an education that contributes to their intellectual, personal, and professional development. Emphasis is placed on both 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 Human Development and Community Service is organized into the following instructional units: the Division of Child, Family and Community Services, which is comprised of the departments of Child and Adolescent Studies, Counseling, Human Services; the School of Education, which includes the departments of Educational Leadership, Elementary and Bilingual Education, Reading, Secondary Education, Special Education, and the Instructional Design and Technology program; Division of Kinesiology and Health Promotion; and the Department of Nursing. The Military Science Program is also part of the College.

## PROGRAMS OFFERED

California Reading Certificate  
Child and Adolescent Development,  
Bachelor of Science  
Child and Adolescent Development,  
Minor  
Counseling, Master of Science  
Education, Master of Science  
Bilingual/Bicultural Education  
(Spanish-English)  
Educational Technology  
Elementary Curriculum and  
Instruction  
Reading  
Educational Administration  
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.)  
Health Promotion, Minor  
Health Science, Bachelor of Science  
Human Services, Bachelor of Science  
Human Services, Minor  
Information Technology and Design,  
Master of Science  
Kinesiology, Bachelor of Science  
Kinesiology, Minor  
Kinesiology, Master of Science  
Military Science, Minor  
Second Lieutenant Commission,  
U.S. Army  
Nursing, Bachelor of Science  
Nursing, Master of Science  
Nursing Administration  
Nurse Anesthetist  
Master of Public Health (pending  
approval)  
Teaching Credentials  
See Teaching Credential Programs  
section of this catalog.

## ACCREDITATIONS

The College of Human Development and Community Service offers high quality programs that meet state and national accreditation standards. Major accrediting bodies for college programs include:

- California Commission of Teacher Credentialing
- Commission on Accreditation of Allied Health Education Programs
- Commission on Collegiate Nursing Education
- National Council for Accreditation of Teacher Education
- National League for Nursing Accreditation Commission

## 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 Community Collaboration (co-sponsored with University Extended Education)
- Center for Excellence in Science and Mathematic (co-sponsored with College of National Science and Mathematics)
- Center for Successful Aging
- Sports and Movement Institute

## STUDENT ORGANIZATIONS

There are 10 active student organizations in the college. These are student clubs for R.O.T.C. Military Science (Alpha Lambda Fraternity), Child & Adolescent Student Association (CASSA), Council of Educational Leadership Students, Graduate Counseling Student Association (GCSA), Human Services Student Association (HSSA), Kinesiology and Health Promotion Student Association, Student California Teachers Association (SCTA), Student Council for Exceptional Children, Blended Teacher Education Program Organization (BTEPO), and Sports Health Care Club (SHCC). These 10 student organizations form the college's Interclub Council.

## COLLEGE OF HUMAN DEVELOPMENT AND COMMUNITY SERVICE COURSES

### 410 Theory and Methods of Service Integration (3)

Prerequisite: Child/Adolescent Studies 210 or Human Services 201 or consent of instructor. Interdisciplinary study of current services systems; changing environment of children/family systems; methods of negotiating collaboration at the policy level, providing integrated services at the client/worker level, and planning community-based services; outcomes-based funding and evaluation. Fieldwork required.



# COLLEGE OF Humanities and Social Sciences

**DEAN**

Thomas Klammer

**ASSOCIATE DEAN**

Ray Young

**ASSOCIATE DEAN, ACADEMIC PROGRAMS**

Angela Della Volpe

**ASSISTANT DEAN, STUDENT AFFAIRS**

Michael Paul Wong

**DEAN'S OFFICE**

Humanities 211  
(714) 278-3528

**COLLEGE WEBSITE**

<http://hss.fullerton.edu>

*“Students new to the College of Humanities and Social Sciences are often surprised at how friendly and helpful our faculty are. Classes are “student friendly,” and students discover many opportunities for involvement with their teachers in research, in service learning, and in producing student-faculty research journals. 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 school and for advance professional study in fields such as law, public administration, clinical psychology, and business. In fact, the College is home to 25 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.

Majors in 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 Humanities and Social Sciences will provide you with what you need to succeed in your classes—in any 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 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 Studies, Minor  
 Chicano Studies (Option in B.A. Ethnic Studies)  
 Chicano Studies, Minor  
 Christian Studies, Minor  
 Comparative Literature, Bachelor of Arts  
 Comparative Literature, Master 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  
 French, Bachelor of Arts  
 French, Master of Arts  
 French, Minor  
 Geography, Bachelor of Arts  
     Urban Geography  
     Environmental Analysis  
 Geography, Master of Arts  
 Geography, Minor  
 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  
 Liberal Studies, Bachelor of Arts  
 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  
 Russian and East European Area Studies, Bachelor of Arts

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 COURSE

#### 350 British Life and Culture (3)

Interdisciplinary introduction to British culture and civilization. Takes a social, historical and cultural approach to contemporary British society. Examines traditions and institutions to help understand 20th Century British life. Related field trips. Team-taught. Offered only as part of the CSUF London semester.

# COLLEGE OF Natural Sciences and Mathematics

**DEAN**

Kolf O. Jayaweera

**ASSOCIATE DEAN**

David Fromson

**ASSISTANT DEAN, STUDENT AFFAIRS**

Rochelle Woods

**DEAN'S OFFICE**

McCarthy Hall 166  
(714) 278-2638

**COLLEGE WEBSITE**

<http://nsm.fullerton.edu>



*“We provide a complete  
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 Kolf O. Jayaweera  
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 scholarship 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.



## 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  
Mathematics, Minor  
Mathematics for Teacher Education,  
Minor  
Mathematics, Master of Arts  
Natural Sciences, Minor  
Physics, Bachelor of Science  
Physics, Minor  
Physics, Master of Science  
Science, M.A.T.S.

### 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: made annually to an outstanding woman or minority student.

College of Natural Sciences and Mathematics' Scholarship for Scholastic Achievement

Jewel Plummer Cobb Scholarship for Scholastic Achievement: awarded to an outstanding, under-represented science major.

### Health Professions

Miles McCarthy Health Professions Award: annual award 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: made to a graduating senior who has demonstrated outstanding scholarship and undergraduate research.

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.



### Biology

Rachel Carson Award: a commemoration of the ideals of Rachel Carson.

Friends of the Arboretum, David L.

Walkington Scholarship: for an outstanding biology student who has chosen Botany for a career.

Dr. and Mrs. Donald B. Bright Environmental Scholarship: for students interested in careers in Environmental Biology.

### Geology

Department of Geological Sciences: for outstanding graduating senior students for service and scholarship.

Margaret Skillman Woyski Scholarship: for a woman Geology major for outstanding academic achievement and teaching.

### **Mathematics**

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

### **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 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.

### **FUNDED RESEARCH OPPORTUNITIES**

#### **MARC (Minority Access to Research Careers)**

This NIH-supported program develops six exceptional scholars and prepares them for success in PhD programs.

#### **MSD (Minority Student Development) Program**

This NIH-funded program supports the research of 25 undergraduate and graduate students who work in labs of 14 faculty.

#### **REU (Research Experience for Undergraduates) Program**

Provides students interested in research, who might not otherwise have the opportunity because of economic constraints, to carry out the research during the summer months.

### **MIRT (Minority International Research Training) Program**

NIH-sponsored program that provides minority students with the opportunity to carry out research during the summer at laboratories in England.

### **Bridges-to-the-Doctorate Program**

NIH-funded program facilitates admission of our masters-level minority research students to PhD programs at UC Riverside, UC San Diego, USC and UCI.

### **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.