



colleges

COLLEGE OF THE Arts

DEAN

Jerry Samuelson

ASSOCIATE DEAN

Joseph Arnold

ASSISTANT DEAN, STUDENT AFFAIRS

Dean Harris

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
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, ACADEMIC PROGRAMS

Thomas W. Johnson

ASSISTANT DEANS

Robert Miyake, Academic Advisement

Lea Beth Lewis, Student Affairs

Joni Norby, Administration (Acting)

DEAN'S OFFICE

Langsdorf Hall 700

(714) 278-2592

COLLEGE WEBSITE

www.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 AACSB International 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
Information Systems, Master of Science
Decision Sciences
E-Commerce
Information Technology, Master of Science
International Business, Bachelor of Arts
Chinese
French
German
Japanese
Portuguese
Spanish
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 serves the business needs of the community by providing research, consulting, continuing education, and training programs.

In pursuit of its mission, the CBE:

1. Offers undergraduate programs that prepare students for careers in business and graduate programs that foster professional career advancement by developing:
 - Interpersonal, team work, leadership and communication skills
 - Critical thinking, analytical and problem solving skills
 - Functional knowledge and technical skills
 - Intellectual curiosity that promotes lifelong learning
 - A global perspective and appreciating for diversity
2. Seeks to attract, develop, and retain a high quality, diverse student body by providing:
 - Outreach and recruiting programs
 - Career planning, internship, and placement assistance
 - Student support services and extra curricular activities
 - Accessibility through off-site and distance learning programs
3. Seeks to attract, develop, and retain highly qualified, diverse faculty by encouraging and rewarding:
 - Teaching excellence and innovative instructional development
 - Active participating in applied and basic research
 - Involvement in professional activities and university service
4. Supports high quality teaching, learning, and research by maintaining:
 - 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 must 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 that are equivalent in content and level and are completed at an appropriately accredited institution with a grade of "C" (2.0) or better 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" (2.0) or better, and (c) taught in an AACSB International 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), Phi Kappa Phi (all campus) In addition there are the following clubs which students are encouraged to join: Accounting Society, American Marketing Association, Association of Information Technology Professionals (AITP), Business Inter-Club (BICC), Delta Sigma Pi (business fraternity), Economics Association, Finance Association, Future Business Leaders of America – Phi Beta Lambda, Latino Business Student Association, MBA Association, Real Estate Association, the Advancement of Management (SAM), Young Entrepreneurs Society

CBE GENERAL SCHOLARSHIPS

Stephen J. Barres Leadership Award
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.

Information Technology, 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; 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, 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
Public Relations, 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 Human Communication Studies 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, postproduction, 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 Education

ACTING DEAN

Ashley Bishop

ASSOCIATE DEAN

Carmen Zuniga Dunlap

ASSISTANT DEAN

Nancee Wright

DEAN'S OFFICE

Education Classroom Building 190
(714) 278- 3411

COLLEGE WEBSITE

<http://ed.fullerton.edu>

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.

Acting Dean Ashley Bishop
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, offered jointly with the University of California, Irvine, a Doctor of Education program.

PROGRAMS OFFERED

California Reading Certificate
Certificate, Instructional Design and
Technology
Certificate, Postsecondary Reading and
Learning
Doctor of Education in Instructional
Leadership (offered jointly with the
University of California, Irvine)
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 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 *Amount:* \$1,000

Emma Bauman Holmes Education Scholarship Endowment *Amount:* Two \$1,000 awards

Marilyn C. Brewer Scholarship
Amount: \$1,500

Lewis and Deborah Hancock Scholarship in Reading Education *Amount:* \$100 (dependent upon funding)

Miriam K. Herman Scholarship
Amount: Two \$500 awards (subject to funding)

Dorothy C. Klausner Scholarship
Amount: \$100 (dependent upon funding)

The Ernest G. Lake Endowed Scholarship
Amount: \$200 (subject to funding)

Rainbow Scholarship – Educational Leadership Program *Amount:* \$1,185 (may vary with funding)

Rainbow Scholarship – Multiple Subject Credential *Amount:* \$1,185 (may vary with funding)

Mildred Ransdorf Donoghue Education Scholarship for the Master's in Elementary Curriculum & Instruction
Amount: \$500 (subject to funding)

Mildred Ransdorf Donoghue Education Scholarship for the Elementary Credential
Amount: \$500 (subject to funding)

Scholarships for Future Educators
Amount: Two \$200 awards

Fannie Shaftel Scholarship *Amount:* \$500 (subject to funding)

The Bernhard J. and Vivian W. Strand Scholarship *Amount:* Three \$500 awards

The California Retired Teachers Association Scholarship honoring Founder, Laura E. Settle *Amount:* \$2000

Full details regarding scholarship requirements and application deadlines can be found at the College of Education Office (EC 190).

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 EC 190.

Graduate Advisement

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



COLLEGE OF Engineering and Computer Science

DEAN

Raman Unnikrishnan

ASSOCIATE DEAN

Dorota Huizinga (Acting)

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 Engineering, Bachelor of Science
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
Engineering, Master of Science
 Option in Engineering Science
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, 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. The bachelor's degrees in civil, electrical, or mechanical engineering are accredited by the Accreditation Board for Engineering and Technology (ABET). The new Computer Engineering degree program also has been designed to meet all ABET criteria for accreditation. 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 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.

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 15 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), 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), Instruments Society of America (ISA), International Society for Pharmaceutical Engineering (ISPE) and Society of Manufacturing Engineers (SME). These 15 societies form the college's Interclub Council.

COLLEGE OF Health and Human Development

DEAN

Roberta E. Rikli

ASSOCIATE DEAN

Ellen Junn

ASSISTANT DEAN, STUDENT AFFAIRS

Nancee Wright

DEAN'S OFFICE

Education Classroom Building 324
(714) 278-3311

COLLEGE WEBSITE

<http://hhd.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. We 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 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 Health and Human Development is organized into the following departments: Child and Adolescent Studies, Counseling, Health Science, Human Services, Kinesiology, Military Science and Nursing.

PROGRAMS OFFERED

Child and Adolescent Development,
Bachelor of Science

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, Minor

Kinesiology, Master of Science

Military Science, Minor

Second Lieutenant Commission,
U.S. Army

Nursing, Bachelor of Science

Nursing, Master of Science

Family Nurse Practitioner

Nurse Anesthetist

Nursing Administration

Women's Health Care

Master of Public Health

ACCREDITATIONS

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
- Commission on Accreditation of Allied Health Education Programs
- Commission on Collegiate Nursing Education
- Council for Standards in Human Services 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
- Center for the Prevention of Childhood Obesity
- Center for the Advancement of Responsible Youth Sports
- Center for Successful Aging
- 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:

- Child and Adolescent Studies Student Association
- Eta Sigma Gamma Honorary Society, Health Science
- Graduate Counseling Student Association
- Human Services Student Association
- Kappa Omega Honorary Society, Counseling
- Kappa Omicron Nu Honor Society, Kinesiology
- Kinesiology and Health Science Student Association
- Nursing Honor Society



COLLEGE OF Humanities and Social Sciences

DEAN

Thomas Klammer

ASSOCIATE DEAN

(Vacant)

**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 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.

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 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 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

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

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

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

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.

351 Life and Culture in Italy and Modern Europe (3)

Prerequisite: completion of General Education Categories III.B.1, 2. An interdisciplinary introduction to Italy and other contemporary European cultures and civilizations. Students will be introduced to social, historical and cultural highlights of contemporary Europe, to principles and methods useful for analyzing cultures and their own interactions with them.

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.