ACADEMIC MAJORS

Find the Path That's Right for You





UNIVERSITY OF CALIFORNIA, LOS ANGELES



This booklet will introduce you to broad subject areas at UCLA. You ll see some familiar fields of study and some new ones. You can pursue more than one interest: Choose a double major or minor. For instance, one graduate paired business economics with Chinese to prepare for global business. Another majored in African American studies and minored in accounting; he was hired as a bank financial analyst before graduation.

EXPLORING NEW FIELDS

As early as Orientation, your advisor or counselor can help you choose Fiat Lux seminars, Clusters and survey courses that will introduce you to new academic fields. With 10-week fall, winter and spring quarters, you have a lot of flexibility to sample new subject areas.

If you're a transfer student, you must declare a major when you apply, but you may be able to add a minor later. Be sure to consult our Transfer Admission Guide for detailed information.

UNDERGRADUATE RESEARCH

UCLA is a research powerhouse, averaging \$1 billion in research funding annually. So it's no surprise that more than half of UCLA students graduate with some kind of research experience. And not all research happens in labs: Social science and humanities students do original research as well, from analyzing the costs and benefits of DNA databases to identifying the influences of Victorian Gothic literature on online games.

EXPERIENTIAL LEARNING

From Silicon Beach to Hollywood, Los Angeles is a great place to get an internship and translate your academic interests into career skills. Student organizations offer another important way to shape your UCLA experience. Volunteering for groups like Mobile Clinic, L.A. Hacks or Bruin Consulting helps you explore your interests and build a robust résumé. And for entrepreneurial skills, there's the Startup UCLA curriculum.

STUDY ABROAD

Many UCLA students earn course credit outside the U.S. UCLA offers 100+ programs in more than 40 countries. Financial aid can help make study abroad affordable.





The physical sciences are known for rigorous measurement and testing of hypotheses and theories. Students learn to handle big data as easily as lab equipment. Engineering is even more hands on, with an emphasis on practical problem-solving.

SHAPE YOUR FUTURE

Physical sciences and engineering graduates are in demand. So many employers recruit our students that UCLA's Engineering and Technical Fair, a two-day event, is repeated twice a year. Some graduates end up in surprising places. The team that created the algorithm for the snow in Disney's *Frozen* and the water in *Moana* included both an alumnus and a professor of applied mathematics.

Bioengineering Assoc. Prof. Andrea Kasko focuses on the design of new materials for biomedical use.

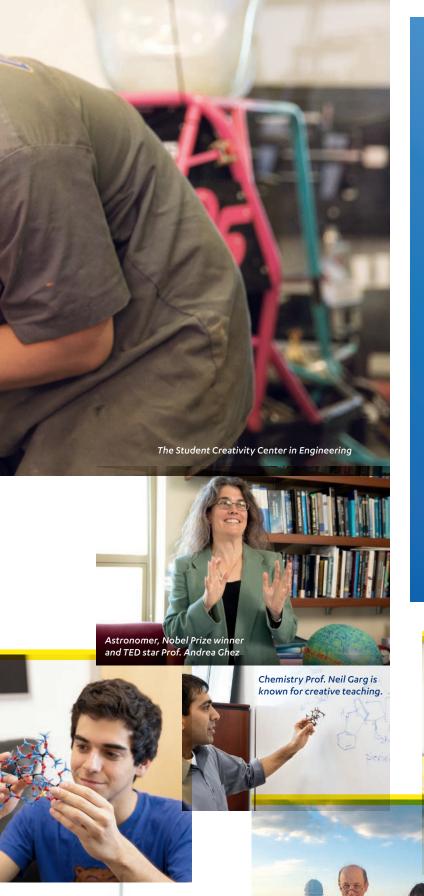


VALUE ADDED

DESALINATION. Engineers at UCLA invented the first practical way to convert saltwater to drinking water in 1959. Today, UCLA researchers are using nanotechnology to improve the membranes that filter the water. A cross-disciplinary team of all-star faculty is committed to making Los Angeles 100 percent sustainable by 2050.

BIOELECTRONICS. Bioengineering researchers at UCLA recently developed an ultrathin, rechargeable fiber battery for potential use in wearable healthmonitoring technologies. The zinc ion device is lightweight and environmentally friendly.

INFINITY AND BEYOND. Faculty and alumni are involved with many NASA missions, from Dawn to Mars 2020 to Europa Clipper. Astronaut Megan McArthur '93 was the robotics expert on the final space shuttle mission to the Hubble Telescope; today, she is the pilot of the NASA SpaceX Crew-2 mission to the ISS, launched on April 23, 2021. Undergraduate students designed, built and launched the ELFIN satellite to conduct research into space weather.



(see pages 14-15 for a complete list):

Applied Mathematics Biochemistry Computer Science Electrical Engineering Mechanical Engineering

Majors of growing interest:

Climate Science **Engineering Geology** Mathematics/Economics **Physics Statistics**

Some intriguing minors in this area (see page 15 for a complete list):

Atmospheric and Oceanic Sciences Biomedical Research Earth and Environmental Science Geochemistry



Comet expert Prof. David Jewitt takes students on a field trip to Kitt Peak Observatory.



All life sciences and nursing majors learn critical thinking, analytical skills, research strategies and laboratory skills. Depending on your major and course choices, you may develop ease in data mapping or acquire specific clinical skills.

SHAPE YOUR FUTURE

Life sciences majors find jobs in research labs, biotechnology, pharmaceuticals or genetic counseling. Many go on to graduate study in neuroscience, medicine, dentistry and other health-related professions.

Students gain medical experience volunteering in Mexico.

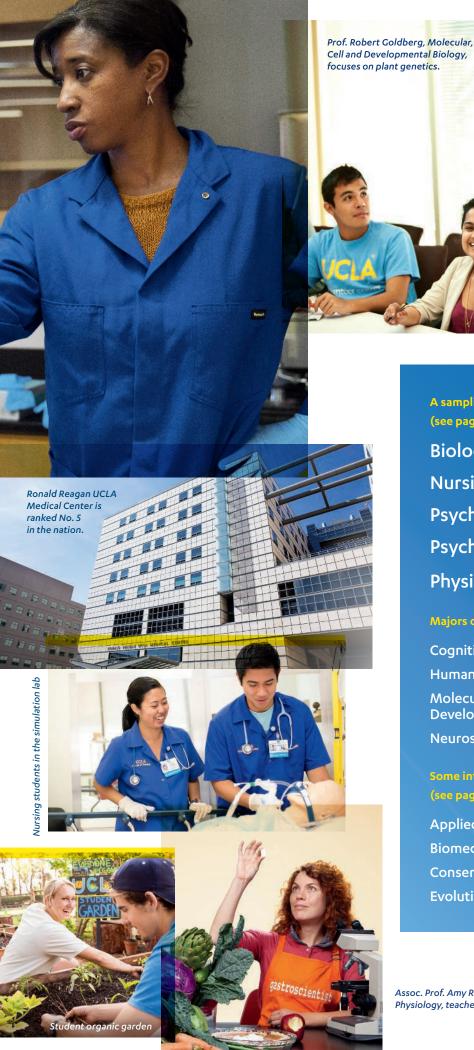


VALUE ADDED

HOSPITAL. UCLA's health science schools are on the main campus — and so is Ronald Reagan UCLA Medical Center, ranked the No. 5 hospital in the U.S. That's where our nursing students do their clinical immersion. Even more students are involved at the hospital as volunteers and researchers, especially in the biomedical research minor. And our medical school faculty teaches courses in the undergraduate neuroscience program.

BRAIN RESEARCH. More than 50 years ago, UCLA became a leader in the then-new field of brain research. That's one reason we identify psychology as a life science, not a social science: Our approach is grounded in neurobiology. UCLA's graduate program in clinical psychology is ranked first in the U.S.

ECOLOGY. There's an extensive botanical garden right on campus, an urban refuge for biodiversity. Further afield is the University of California's Stunt Ranch Santa Monica Mountains Reserve, used for research and internships. Ongoing studies focus on how flora and fauna have recovered from a 1993 fire.



A sampling of majors (see pages 14–15 for a complete list):

Biology Nursing **Psychobiology** Psychology Physiological Science

Majors of growing interest:

Cognitive Science **Human Biology and Society** Molecular, Cell and **Developmental Biology** Neuroscience

Some intriguing minors in this area (see page 15 for a complete list):

Applied Developmental Psychology Biomedical Research Conservation Biology Evolutionary Medicine

Assoc. Prof. Amy Rowat, Integrative Biology and Physiology, teaches a course called Science and Food.



Social science majors learn research and writing skills, creative thinking and problemsolving. Some areas — notably economics — stress quantitative skills as well.

SHAPE YOUR FUTURE

Social science majors bring their skills to business, consulting and government. Some students pursue professional degrees in law, public policy or management.



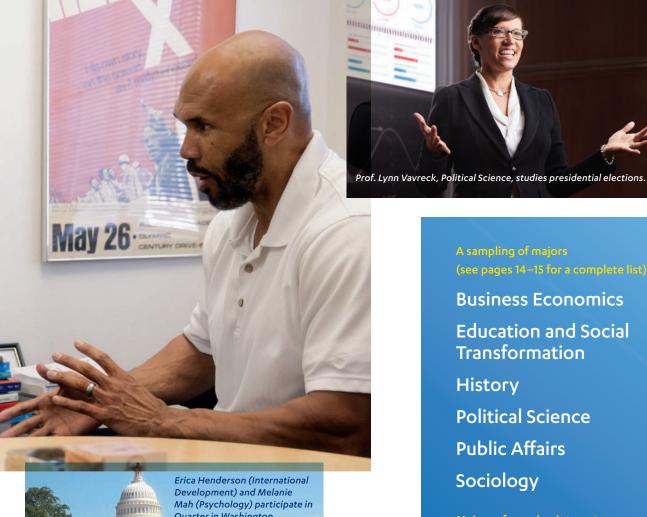
VALUE ADDED

INTERNATIONAL INSTITUTE. Founded in 1958, the International Institute is the central hub for global and area studies at UCLA, with more than 25 centers and programs promoting multidisciplinary research. Both a major and minor in global studies are offered.

QUARTER IN WASHINGTON. The University of California D.C. Center houses more than 270 students in a high-rise a short walk from the White House. UCLA students can do the Quarter in Washington program in fall, winter or spring — completing an internship and an original research project.

FIELD STUDY. Los Angeles offers many opportunities for research. But our students pursue field study all over the world: geography students in Thailand, anthropology students in Ghana and Bali, political science students in Sacramento. The Lemelson Anthropological Honors Program is only one of the field study programs in Social Sciences.

PROFESSIONAL SCHOOLS. The Luskin School offers a public affairs major as well as a minor in urban and regional studies. The Law School welcomes undergraduate volunteers to its moot court program. The Anderson School has a minor in accounting and courses for the entrepreneurship minor.



Business Economics Education and Social

Transformation

History

Political Science

Public Affairs

Sociology

Majors of growing interest:

African American Studies American Indian Studies Chicana and Chicano Studies **Communication Studies Gender Studies**

Labor Studies

Some intriguing minors in this area (see page 15 for a complete list):

Entrepreneurship Public Health



Logan Linnane (Geography and Political Science) does fieldwork in Thailand.

Social Welfare and Geography,

Prof. Tim Groeling, Communication Studies, focuses on political communication and new media.

Prof. Ananya Roy, Urban Planning, researches poverty and inequality.



At UCLA, performing and visual arts majors get a liberal arts background as well as specialized skills. Humanities majors hone their writing and research skills in English and in other languages. Digital humanities adds new dimensions: for example, mapping the cultural, architectural and urban history of a city space.

SHAPE YOUR FUTURE

Humanities majors embrace a wide range of careers, from business and academia to digital media content creation. Music major Sophia James wowed audiences on *American Idol*'s 18th season. She's one of a long line of singers, actors and artists with degrees from UCLA.



VALUE ADDED

MUSEUMS. With a focus on emerging artists, an extensive permanent collection and endless public programs, the Hammer Museum is a rich resource for art and humanities students. The Fowler Museum explores global arts and cultures — past and present — and offers paid student internships and courses like Textiles of the World.

PERFORMANCE. Students of the arts and humanities enjoy the Center for the Art of Performance (CAP UCLA), which hosts dance, music, spoken word, theater and experiential programming by leading artists from around the globe. The Geffen Playhouse, known for its mix of classic and contemporary plays, new works and musicals, partners with UCLA as an educational resource to offer students countless internships, workshops, student tickets and college nights.

FILM AND TELEVISION ARCHIVE. In the U.S., UCLA's archive is second in size only to the Library of Congress. But it's not just for film buffs. It's a rich cultural history resource that includes the Hearst Metrotone News collection, with 27 million feet of newsreel footage from 1914 through 1968. Undergraduates can view holdings for research papers or capstone projects.









Professor and writer-director Dominic Taylor is a scholar of African American theater.



A sampling of majors (see pages 14–15 for a complete list):

Art History Design | Media Arts **English**

Music

Philosophy

Theater

Majors of growing interest:

Architectural Studies Asian Humanities Ethnomusicology

Some intriguing minors in this area (see page 15 for a complete list):

Digital Humanities Film, Television and Digital Media Visual and Performing Arts Education

Shaping your UCLA experience

These brief profiles show the many paths alumni follow to successful careers. Choosing a major is just one step. Explore your interests using all of the available resources at UCLA: undergraduate research, internships, student groups, study abroad and student jobs.



ROSIE O'NEILL B.A. '00, M.B.A. '05

MAJORED in communication studies, UCLA College

NOW co-founder and general partner of Pure Imagination Brands, an investment fund supporting disruptive brands and the entrepreneurs who power them

BEFORE UCLA, grew up in Costa Mesa, California, where she enjoyed drawing, painting, crafts and sewing

AT UCLA, took communication classes that taught her what makes people tick and

AFTER GRADUATION, spent seven years as director of marketing at Mattel, where she led a global unit that sold over 50 million Barbies annually, before co-founding luxury candy brand Sugarfina, where she served as co-CEO for nearly eight years



MICHAEL REYES B.A. '14

MAJORED in English, minored in French and Francophone studies, **UCLA** College

NOW holds a Ph.D. in comparative literature

from the University of Texas, Austin, where he focused on Caribbean literature and African diaspora studies

BEFORE UCLA, left a violent public high school for Mexico. Finished school there, improved Spanish skills. Returned to the U.S. and obtained a G.E.D.

AT UCLA, entered as a transfer from Citrus College. Through the Civic Engagement program, interned at a literary agency. As a Mellon Mays Undergraduate Fellow, wrote an honors thesis exploring the theme of deserted islands as locations for producing social critique in literatures of the 12th and 18th centuries.

DREW Z. GREENBERG B.A. '93

MAJORED in political science, UCLA College

NOW a writer and executive producer, most recently on the ABC series Marvel's Agents of S.H.I.E.L.D.

BEFORE UCLA, read voraciously and wrote as a hobby; interested in medicine

AT UCLA, involved in peer counseling and as a Student Health Advocate. Most important lesson: learned to appreciate diversity while working on staff at the residence halls.

AFTER GRADUATION, took the MCAT but never went to medical school. Instead, earned a law degree and switched to the entertainment industry. Began to write for television: Buffy the Vampire Slayer, The O.C., Dexter and Star Wars: The Clone Wars.





LISA D. CAGNOLATTI B.S. '83

MAJORED in chemical engineering, UCLA Samueli School of Engineering

NOW Senior Vice President, Customer Service. Southern

California Edison; Executive-in-Residence, ASU W.P. Carey School of Business; and board member, Valley of the Sun United Way

BEFORE UCLA, a star student in math and chemistry at Inglewood High School. Discovered engineering through a UCLA program.

AT UCLA, a member of the National Society of Blacks in Engineering and Alpha Kappa Alpha sorority; lived and worked at Sproul Hall; interned with IBM and Proctor and Gamble

AFTER GRADUATION, earned an MBA from Pepperdine University. Started as a team manager at Proctor and Gamble, moved to Southern California Gas Company as an energy sales engineer. Worked her way up the corporate ladder.



BRYANT NG B.S. '00

MAJORED in molecular, cell and developmental biology, **UCLA** College

NOW head chef and co-

owner of award-winning restaurant Cassia in Santa Monica, California; co-founder of L.A. Chefs for Human Rights (LACHR)

BEFORE UCLA, grew up peeling shrimp and washing dishes at his parents' and grandparents' restaurants in Los Angeles

AT UCLA, loved his major classes and planned to go into medicine. Eventually discovered his true passion, cooking. Now he applies principles he learned in lab class to creating recipes.

AFTER GRADUATION, worked as a biotech and pharmaceutical consultant before continuing his education at Le Cordon Bleu in Paris. Named 2022 James Beard finalist for "Best Chef — California."



ANDREW CAMPION B.A. '93

MAJORED in economics, UCLA College

NOW Chief Operating Officer, Nike, Inc. He's also on the board of directors for Starbucks and the LA 2028 Olympic & Paralympic Games.

BEFORE UCLA, grew up in Whittier, California, and graduated from Whittier Christian High School

AT UCLA, became a member of Pi Kappa Alpha fraternity, played intramural volleyball and basketball, and went to nearly every football and basketball game

AFTER GRADUATION, earned a law degree and LLM in taxation. Worked about 11 years at The Walt Disney Company, where he held leadership roles in strategic planning, mergers and acquisitions, financial and operational planning, investor relations and tax. Earned his M.B.A. from UCLA Anderson in 2003, while at Disney. Joined Nike, Inc. in 2007.



CARMEN ARGOTE B.A. '04

MAJORED in art, School of the Arts and Architecture

NOW an artist whose work has appeared in group and solo shows in venues including the L.A. Convention Center, the Hammer Museum and New York City's New Museum

BEFORE UCLA, grew up in the Pico-Union neighborhood of L.A. with her parents and sister

AT UCLA, entered as a transfer from Santa Monica College. Undergraduate work chosen for an exhibition in the Wight Gallery; also did a solo show.

AFTER GRADUATION, earned her M.F.A. from UCLA in 2007

Majors and Minors

UNDECIDED? YOU RE IN GOOD COMPANY. About 1,500 students are "undeclared" at any given time, and many more change majors. Undeclared freshman applicants are welcome in Engineering and all divisions of the College of Letters and Science. The schools that do not consider undeclared applicants are Arts and Architecture; Music; Public Affairs; Theater, Film and Television; and Nursing.

Majors

College of Letters and Science

African American Studies

African and Middle Eastern Studies¹

American Indian Studies

American Literature and Culture

Ancient Near East and Egyptology

Anthropology

Applied Linguistics

Arabic

Art History

Asian American Studies

Asian Humanities

Asian Languages and Linguistics

Asian Religions

Asian Studies¹

Astrophysics

Atmospheric and Oceanic Sciences

Atmospheric and Oceanic Sciences/

Mathematics

Biochemistry

Biology²

Biophysics

Business Economics^{1,2,3}

Central and East European Languages

and Cultures

Chemistry

Chemistry/Materials Science

Chicana and Chicano Studies

Chinese

Classical Civilization

Climate Science

Cognitive Science¹

Communication 2,5

Comparative Literature

Computational and Systems Biology¹

Data Theory1

Earth and Environmental Science

Ecology, Behavior and Evolution²

Economics^{1,2,3}

Education and Social Transformation¹

Engineering Geology

English²

Environmental Science

European Languages and Transcultural Studies

European Languages and Transcultural Studies with French and Francophone

European Languages and Transcultural Studies with German

European Languages and Transcultural Studies with Italian

European Languages and Transcultural Studies with Scandinavian

European Studies¹

Gender Studies

Geography

Geography/Environmental Studies

Geology

Geophysics

Global Studies^{1,2}

Greek

Greek and Latin

History¹

Human Biology and Society^{1,2}

International Development Studies^{1,2}

Iranian Studies

Japanese

Jewish Studies

Korean

Labor Studies

Latin

Latin American Studies¹

Linguistics

Linguistics and Anthropology

Linguistics and Asian Languages

and Cultures

Linguistics and Computer Science

Linguistics and English

Linguistics and Philosophy

Linguistics and Psychology

Linguistics and Spanish

Marine Biology²

Mathematics1

Mathematics, Applied1

Mathematics/Applied Science¹

Mathematics/Economics²

Mathematics, Financial Actuarial²

Mathematics for Teaching¹

Mathematics of Computation¹ Microbiology, Immunology and

Molecular Genetics^{1,2}

Middle Eastern Studies

Molecular, Cell and Developmental

Biology²

Neuroscience²

Nordic Studies

Philosophy

Physics

Physiological Science²

Political Science^{1,2}

Portuguese and Brazilian Studies

Psychobiology^{1,2}

Psychology^{1,2}

Russian Language and Literature

Russian Studies

Sociology^{1,2}

Southeast Asian Studies

Spanish

Spanish and Community and Culture

Spanish and Linquistics

Spanish and Portuguese

Statistics1

Study of Religion

Individual Field of Concentration⁴

Undeclared Humanities⁶

Undeclared Life Sciences⁶

Undeclared Physical Sciences⁶

Undeclared Social Sciences⁶

Herb Alpert School of Music

Ethnomusicology

Global Jazz Studies

Music (Composition, Education,

Performance)

Music History and Industry

Musicology

Luskin School of Public Affairs

Public Affairs*

Samueli School of Engineering

Aerospace Engineering

Bioengineering

Chemical Engineering

Civil Engineering

Computer Engineering

Computer Science

Minors

Computer Science and Engineering

Electrical Engineering

Materials Engineering

Mechanical Engineering

Undeclared⁶

School of the Arts and Architecture

Architectural Studies⁵

Art

Dance

Design | Media Arts

World Arts and Cultures

Individual Field of Concentration⁴

School of Nursing

Nursing Prelicensure

School of Theater. Film and Television

Film and Television

Theater

Individual Field of Concentration⁴

- 1 Applicants are admitted to pre-major status until prerequisites are satisfactorily completed.
- 2 Transfer applicants should note that demand for this major significantly exceeds space available at the transfer level.
- 3 Transfer students who are admitted to a major outside the Department of Economics are not permitted to transfer into one of the economics
- 4 Not open to entering students
- **5** Open to junior-level applicants only (60 semester/90 quarter units completed by transfer)
- 6 Only freshman-level applicants may apply as undeclared.

*Public Affairs is listed under the College of Letters and Science in the UC application. Applicants are admitted to pre-major status in the College of Letters and Science until prerequisites are completed.

Accounting

African American Studies

African and Middle Eastern Studies

African Studies

American Indian Studies

Ancient Near East and Egyptology

Anthropology

Applied Developmental Psychology

Arabic and Islamic Studies

Armenian Studies

Art History

Asian American Studies

Asian Humanities

Asian Languages

Atmospheric and Oceanic Sciences

Bioinformatics

Biomedical Research

Brain and Behavioral Health

Central American Studies

Central and East European Studies

Chicana and Chicano Studies

Classical Civilization

Cognitive Science

Community Engagement and

Social Change

Comparative Literature

Conservation Biology

Data Science Engineering

Digital Humanities

Disability Studies

Earth and Environmental Science

East Asian Studies

Education Studies

English

Entrepreneurship

Environmental Engineering

Environmental Systems and Society

Ethnomusicology

European Languages and Transcultural

Studies

European Languages and Transcultural Studies with French and Francophone

European Languages and Transcultural

Studies with German European Languages and Transcultural

Studies with Italian

European Studies

Evolutionary Medicine

Film, Television and Digital Media

Food Studies **Gender Studies**

Geochemistry

Geography

Geography/Environmental Studies

Geology

Geophysics and Planetary Physics

Geospatial Information Systems and Technologies

Gerontology

Global Health

Global Studies

Greek Language and Culture

Hebrew and Jewish Studies

History of Science, Technology

and Medicine

Information and Media Literacy

International Migration Studies

Iranian Music

Iranian Studies

Israel Studies

Labor Studies

Latin American Studies

Latin Language and Culture

Lesbian, Gay, Bisexual, Transgender and Queer Studies

Linquistics

Literature and the Environment

Mathematical Biology

Mathematics

Mathematics for Teaching

Mexican Studies

Middle Eastern Studies

Musicology

Music Industry

Neuroscience

Philosophy

Pilipino Studies

Portuguese and Brazilian Studies

Professional Writing

Public Affairs

Public Health

Religion, Study of

Russian Language

Russian Literature

Russian Studies

Scandinavian

Science Education

Social Data Science

Social Thought

Society and Genetics

South Asian Studies Southeast Asian Studies

Spanish

Spanish Linguistics

Statistics

Structural Biology

Study of Religion Systems Biology

Theater

Urban and Regional Studies

Visual and Performing Arts Education

List of majors and minors accurate at time of printing. Please visit **admission.ucla.edu/majors** for the most up-to-date listings. WHEN CHOOSING A MAJOR, YOU MAY FIND THAT YOU'RE NOT **SURE WHERE TO BEGIN. MAYBE** YOUR FAMILY HAS THE ANSWER, OR YOUR FRIENDS OR TEACHERS. OR MAYBE YOUR PATH SHOULD **BE BASED ON YOUR INTERESTS** AND SKILLS. PERHAPS NONE OF THAT'S AS RELEVANT AS YOUR PERSONALITY. REST ASSURED, **ANY OR ALL OF THOSE COULD** LEAD YOU TO THE CONTRACT ANSWER **AS LONG AS YOU ALSO LISTEN** TO YOUR HEART, FOR THAT IS YOUR MOST TRUSTED ADVISOR. **AND WHEN YOUR HEART JOINS** FORCES WITH OUR HEART, **YOU ARE SURE TO BECOME** A FORCE OF NATURE AT UCLA