ACADEMIC MAJORS



UCLA UNIVERSITY OF CALIFORNIA, LOS ANGELES

COLLEGE IS A TIME OF **DISCOVERY AND SELF-DISCOVERY**

DECIDING ON YOUR MAJOR INVOLVES BOTH

Look inward to gauge your interests, academic strengths and personal goals. And look to UCLA to provide the rare opportunity to explore all the new subject areas and learning experiences only a research university in an innovative global city can offer.

This booklet will introduce you to broad subject areas at UCLA and some majors, both new and familiar, that fall within them. Keep in mind that any major can lead to many different careers, so don't limit yourself on the major or minor you pursue. Here, it's not just about what you study but how you study it.



EXPLORING NEW FIELDS

During New Student Orientation over the summer, your advisor or counselor can help you choose courses that will introduce you to new academic fields and multidisciplinary majors, like disability studies. With 10-week fall, winter and spring quarters, you have a lot of flexibility to sample intriguing new subject areas.

SMALL SEMINARS AND INNOVATIVE COURSES

Our Fiat Lux seminars give groups of 10–20 students an in-depth look at compelling topics, like global migration and the psychology of food and eating. Clusters are small, yearlong courses taught by teams of faculty from different disciplines. While examining one current topic, Clusters expose first-years to different schools of thought and approaches.

MINORS AND DOUBLE MAJORS

If you have a wide range of interests, a minor or a double major may be the way to go. Minors can complement your major while adding to your skills. For instance, one student majored in African American studies and minored in accounting; he was hired as a financial analyst before graduation.

Double majors let you earn a degree in two fields. They require a larger course load but can be worthwhile. One graduate, for example, doublemajored in business economics and Chinese to prepare for global business.

UNDERGRADUATE RESEARCH

A research powerhouse, UCLA has a history of receiving \$1 billion in research funding annually. So, it's no surprise that more than half of UCLA students graduate with 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.

CAREER SERVICES

Our Career Center is dedicated to helping you translate your major into a meaningful career. Visit to explore different pathways, strengthen your résumé, develop job-seeking skills, connect with an alumni mentor and discover great job opportunities that align with your goals.

INTERNSHIPS, ENTREPRENEURSHIP AND VOLUNTEERING

A microcosm of the world, Los Angeles offers a vast array of internship opportunities, so you can gain real-world skills while turning your passions into a career. Volunteering for groups like Mobile Clinic and L.A. Hacks lets you explore civicminded interests, and Startup UCLA's programs develop your entrepreneurial skills. Student organizations offer another avenue to enhance your experience.

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.









SHARPEN YOUR SKILLS

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 majors pursue careers in a wide range of industries, including aerospace, biotechnology, environmental science, healthcare, sound engineering and even agriculture. Jobs can be anywhere from factories, labs and geological sites to movie studios and Wall Street. Many go on to pursue graduate study in order to specialize in their area of interest.

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



IMPACT YOUR WORLD

CARBON REMOVAL. Researchers at the Institute for Carbon Management are using novel technology developed at UCLA called SeaChange to leverage the ocean's capacity for carbon removal. The electromechanical process creates green energy while removing billions of metric tons of carbon dioxide from the atmosphere.

BIOELECTRONICS. Bioengineering researchers at UCLA recently developed an ultra-thin, 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.

A sampling of majors (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 and Data Science

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

Atmospheric and Oceanic Sciences Biomedical Research Climate Science Data Science Engineering





The Reinforced Concrete Laboratory is a research and instructional space for Civil and Environmental Engineering.

Robotics and Cyberphysical Systems researchers use machines to grasp the future.



Dean of Life Science nd Prof. of Molecular, Cell and y Tracy Johnson focuses on how Ronald Reagan UCLA

SHARPEN YOUR SKILLS

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.



IMPACT YOUR WORLD

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.

HOSPITAL. UCLA's health science schools are on the main campus — and so is Ronald Reagan UCLA Medical Center, ranked the No. 1 hospital in California and on U.S. News' Best Hospitals Honor Roll for the 36th consecutive year. 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.



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

Distinguished Prof. of Molecular, Cell and

Developmental Biology Bob Goldberg

focuses on plant genetics.

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):

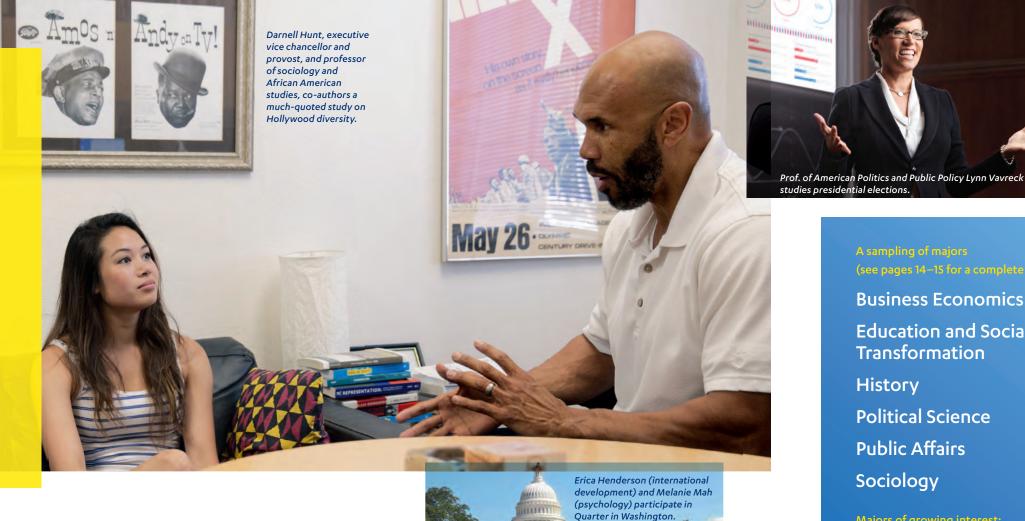
Applied Developmental Psychology Biomedical Research **Conservation Biology Evolutionary Medicine**

Amy Rowat, professor of integrative biology and physiology, teaches a course called Science and Food.

INTRIGUED **BY PEOPLE AND THE INSTITUTIONS THEY CREATE**

Perhaps you have a flair for business or politics. Or maybe you like understanding how institutions work — and why they don't. You may find your focus in the

SOCIAL SCIENCES OF PUBLIC AFFAIRS.



SHARPEN YOUR SKILLS

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.



IMPACT YOUR WORLD

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 250 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**



LOVER OF THE ARTS, **LITERATURE AND CULTURE**

Perhaps your passion is theater or painting. Or maybe you are thrilled by literature or language as a reader or a writer. You may find your major in MUSIC, the ARTS or the HUMANITIES.





SHARPEN YOUR SKILLS

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.



IMPACT YOUR WORLD

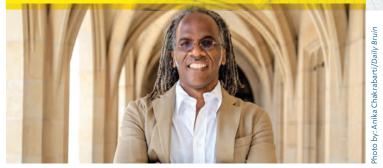
MUSEUMS. With a focus on emerging artists, an extensive permanent collection and endless public programs, the Hammer Museum is a rich resource for art and humanities students. The Fowler Museum explores global arts and cultures — past and present — and offers paid student internships and courses like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



Theater includes costume design.



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.



LESLIE GILBERT-LURIE B.A. '81. J.D. '84

DOUBLE MAJORED in communication studies and political science, UCLA College

NOW a member of the Board of Trustees for the California State University, appointed by Governor Gavin Newsom; an author, lawyer and human rights and children's rights activist

BEFORE UCLA, grew up in L.A. as the daughter of a Holocaust survivor, who taught her that life is a gift that comes with a responsibility to make a difference

AT UCLA, served as the student regent on the Board of Regents of the University of California; during law school, cherished invitations from her friend to enjoy homemade dinners

AFTER GRADUATION, coauthored a memoir with her mother about the Holocaust and the transmission of trauma between generations. Spent early career as a TV executive.



EZRA KLEIN B.A. '05

MAJORED in political science, UCLA College

NOW hosts The Ezra Klein Show, a biweekly podcast. He's also a political analyst, author, journalist with The New York Times and co-founder of Vox.

BEFORE UCLA, grew up in Irvine, California. His dad, a first-generation immigrant from Brazil, is a math professor and his mom, an artist.

AT UCLA, took classes from poli-sci professors, including Lynn Vavreck, the Marvin Hoffenberg Chair in American Politics and Public Policy, and interned for Washington Monthly in Washington, D.C.

AFTER GRADUATION, became a blogger for *The* American Prospect, then at The Washington Post, where he was also a writer. Left to launch Vox. In 2020, joined The New York Times, where he became an opinion columnist.

GINA PRINCE-BYTHEWOOD B.A. '91

MAJORED in film and television, School of Theater, Film and Television

NOW a screenwriter and director, most recently of The Woman King starring Viola Davis; on Time magazine's list of the 100 most influential people of 2023



BEFORE UCLA, saw movies

on weekends with her parents, played basketball and ran track in Pacific Grove, California, where she grew up

AT UCLA, planned to become a soap opera writer, but was overcome with the feeling that she was meant to direct when she was carrying equipment for a student film

AFTER GRADUATION, wrote for TV series including A Different World and Felicity before writing and directing her first film. Love & Basketball, which earned a Humanitas Prize. Strives to tell stories that reflect the experiences of women of color and challenge stereotypes.



LISA D. CAGNOLATTI B.S. '83

MAJORED in chemical engineering, UCLA Samueli School of Engineering

NOW Retired Chief Customer Officer. Southern California

Edison; non-profit board of directors member, philanthropist

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 preparing to open his next venture, a fast-casual

Chinese-American restaurant called Jade Rabbit 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, M.B.A. '03

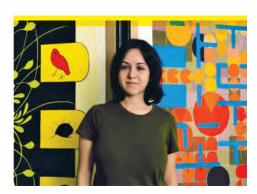
MAJORED in economics, UCLA College

NOW Chairman and CEO, Unrivaled Sports; Director, UCLA Sports Leadership and Management Program and UCLA Sports Initiatives; and on the board of directors for Starbucks, Williams-Sonoma and the LA28 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. Held leadership roles at The Walt Disney Company while earning his M.B.A. at UCLA Anderson. Spent 17+ years at Nike Inc., where he served as chief operating officer, chief financial officer and head of global strategy.



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. See what sparks your interest from this list of our current offerings.

MAJORS

| College of Letters and Science |
|---|
| African American Studies |
| African and Middle Eastern Studies ¹ |
| American Indian Studies |
| American Literature and Culture |
| Ancient Near East and Egyptology |
| Anthropology |
| Applied Linguistics |
| Asabia |

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 Biology¹ Data Theory¹

Disability Studies Earth and Environmental Science

Ecology, Behavior and Evolution² Economics^{1,2,3}

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 Linquistics

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 and Community and Culture Spanish and Linguistics

Spanish and Portuguese

Statistics and Data Science¹

Study of Religion

Individual Field of Concentration⁴ Undeclared Humanities⁶ Undeclared Life Sciences⁶

Undeclared Physical Sciences⁶ Undeclared Social Sciences⁶

Fielding School of Public Health

Public Health⁷

Herb Alpert School of Music

Ethnomusicology Global Jazz Studies Music (Composition, Education, Performance) Music Industry Musicology

Luskin School of Public Affairs

Public Affairs7

Samueli School of Engineering

Aerospace Engineering Bioengineering Chemical Engineering Civil Engineering Computer Engineering Computer Science

Computer Science and Engineering

Electrical Engineering Materials Engineering Mechanical Engineering

Undeclared⁶

School of Education & Information Studies Education and Social Transformation⁷

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

MINORS

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 Atmospheric and Oceanic Sciences

Asian Languages **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 Creative Writing

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

Geophysics and Planetary Physics Geospatial Information Systems

and Technologies Gerontology Global Health **Global Studies**

Greek Language and Culture Hebrew and Jewish Studies

History

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

Linguistics

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 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 and Data Science

Structural Biology Study of Religion Systems Biology

Theater

Urban and Regional Studies

Visual and Performing Arts Education

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 majors.
- 4 Not open to entering students

- 5 Open to junior-level applicants only (60 semester/90 quarter units completed by transfer)
- 6 Only first-year-level applicants may apply as undeclared.
- 7 This major is listed under the College of Letters and Science in the UC Application. Applicants are admitted to pre-major status until prerequisites are completed.

NOTE:

Undeclared first-year 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.

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

List of majors and minors accurate at the time of printing. Please visit admission.ucla.edu/maiors 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 RIGHT 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