DEDMAN COLLEGE
MINDS MOVING THE WORLD.

Dedman College
of Humanities & Sciences
SMU will not discriminate on the basis of race, color, religion, national origin, sex, age, disability, genetic information or veteran status. SMU’s commitment to equal opportunity includes nondiscrimination on the basis of sexual orientation and gender identity and expression.
Welcome to Dedman College of Humanities and Sciences

We are the heart of SMU and the oldest, largest, and most diverse school on campus. The over fifteen hundred courses offered at Dedman every year provide all SMU students with broad and deep knowledge of our world in its physical, symbolic, quantitative, social, and expressive dimensions.

Together with foundations in critical thinking, logic and analytics, written and verbal communication, and ethics and social responsibility, this knowledge provides students with the core competencies they will need to be successful in their careers and in their lives.

There are over 300 full-time, highly dedicated professors in Dedman College. Internationally recognized experts in their fields, the faculty discover, produce, and disseminate new knowledge, and they collaborate with other experts both locally and around the world on a vast variety of projects. Most important, however, they bring their finely honed expertise into the classroom, where they share with students their knowledge and passions for their fields. Our small class sizes provide students with easy access to faculty and wonderful opportunities to participate in hands-on research programs. Moreover, a network of successful and highly engaged alumni around the world are prepared to serve as additional sources of knowledge and support for our students as they enter the workforce.

At Dedman College, faculty and students confront real-world problems with both the latest science and the wisdom of the ages; they grapple with the complexities of understanding the world’s economic and political systems; and they tackle the perplexing question of what it means to be human. We welcome you to visit our campus to experience for yourselves the exciting intellectual atmosphere and to meet faculty, students, and staff who together work toward creating a powerful learning environment.

Sincerely,

Thomas DiPiero
Elisabeth Martin Armstrong Dean, Professor of World Languages and Literatures and English
Dedman College of Humanities and Sciences
Southern Methodist University
OUR STUDENTS

THE ART OF GLOBAL ADVOCACY.

NATALIA SILVERA TRAVELED TO SOUTH AFRICA TO DEEPEN HER ADVOCACY FOR HUMAN RIGHTS AND WORK ON A THEATRE PRODUCTION ALONGSIDE LOCAL ARTS STUDENTS. INSPIRED BY THIS EXPERIENCE, SHE RESEARCHED THE TRUTH AND RECONCILIATION COMMISSION OF THE POST-APARTHEID ERA. SMU IS COMMITTED TO SHAPE WORLD-CHANGERS THROUGH MEANINGFUL EXPERIENCES AND CONNECTIONS.

NATALIA SILVERA
Psychology and Economics Major

CEMENTING OUR PLACE IN HISTORY.

THROUGH HER INVOLVEMENT WITH VOICES OF SMU, PRINCESS IGWE-ICHO DELVES INTO THE STORIES OF ESTEEMED UNIVERSITY ALUMNI. BY ENGAGING IN ARTICULATE CONVERSATIONS WITH FORMER STUDENTS, SHE HAS UNLOCKED VALUABLE INSIGHTS INTO SMU’S EVOLUTION OVER THE YEARS AND THE ESSENCE OF THE CAMPUS COMMUNITY. THIS PRESERVATION OF ORAL HISTORY SERVES AS A TESTAMENT TO SMU’S ENDURING SPIRIT AND WILL RESONATE FOR GENERATIONS OF MUSTANGS TO COME.

PRINCESS IGWE-ICHO
Political Science, Human Rights, Philosophy, and Corporate Communications & Public Affairs Major

CONNECTING PONIES WITH MUSTANGS.

FEAVEN FASIL SPENT A SUMMER PAIRING FIRST-YEAR AND TRANSFER STUDENTS OF COLOR WITH SELECT UPPERCLASSMEN TO MENTOR AND GUIDE NEW MUSTANGS THROUGH THEIR FIRST YEAR ON THE HILLTOP. THE CONNECT MENTORSHIP PROGRAM HAS HELPED FEAVEN BUILD SKILLS IN LEADERSHIP, COMMUNICATION, AND ORGANIZATION THAT SHE WILL TAKE TO HER FUTURE IN MEDICINE.

FEAVEN FASIL
Biology Major, Pre-Health

CHANGEMAKERS THRIVE HERE.

EJ ROREM HAS OBSERVED AND PARTICIPATED IN THE POLICYMAKING PROCESS AT HOME AND ABROAD WITH SUPPORT FROM THE JOHN G. TOWER CENTER FOR PUBLIC POLICY & INTERNATIONAL AFFAIRS AT SMU. FROM A LEGISLATIVE AFFAIRS INTERNSHIP IN D.C. TO AN ECONOMIC DEVELOPMENT PROJECT IN TRINIDAD, TEXAS, TO STATE DEPARTMENT-FUNDED STUDY ABROAD IN TAJIKISTAN, DIRECT EXPERIENCE HAS PREPARED HIM TO MAKE CHANGE AT ALL LEVELS OF GOVERNMENT.

EJ ROREM
Political Science and Statistical Science Major
In the Department of English, students select from a traditional English degree or a degree in English with creative writing. Students work with renowned scholars in a variety of fields and take courses in literary history, literary theory, and Creative Writing.

Faculty members in the Department of History specialize in fields ranging from North America, Latin America, and Europe to the non-Western world. The curriculum includes rich course offerings in ethnic and women’s studies and the history and culture of the American Southwest.

Research by distinguished scholars in the Department of Philosophy is regularly published in leading journals and presses. Departmental strengths include philosophy of mind, ethics, moral philosophy, metaphysics, epistemology, and philosophy of science.

The Department of Religious Studies offers students opportunities to delve into a range of ways in which religion interacts with other aspects of culture around the globe. Professors employ philosophical, historical, social scientific, and literary approaches in the classroom.

Students in the Department of World Languages and Literatures (WLL) explore many dimensions of languages and cultures through a wide variety of authentic materials. Students are encouraged to take courses abroad and discover languages through diverse technologies in the WLL Technology Center.

The Department of Anthropology is a nationally ranked program and boasts a distinguished faculty. Strengths include the study of health and medicine, migration, gender, and globalization, and the department is home to one of the oldest field schools in the country.

Faculty members in the Department of Economics are on the cutting edge of research, studying everything from financial markets and determinants of oil price movements and their effects on economic activity to international trade and finance and the economics of corruption.

The Department of Political Science offers a comprehensive curriculum covering topics such as international politics, domestic and international political economy, executive and legislative politics, and constitutional law in the United States, Europe, Asia, Africa, and Latin America.

Students in the Department of Psychology are encouraged to involve themselves in research, including studies in psychophysiology and stress response, health behaviors, couple and family relationships, mental illnesses, and mood and anxiety disorders.

The Department of Sociology focuses on the study of social life, processes of social change, and causes and consequences of human behavior. In the markets and culture major, students study production, distribution, and consumption within global societies.
Research in the Department of Biological Sciences focuses on genetics and developmental biology, aging and metabolism, biochemical characterization of protein structures and functions, and infectious diseases of humans.

The Department of Chemistry prepares students to meet the increasing demand for a scientifically trained workforce. Students and faculty build strong interactions in classrooms, research labs, and through co-authoring papers.

The Department of Earth Sciences provides pre-professional training across earth system science important for understanding problems such as natural resources and hazards, environmental change, and the future prospects for the earth and humanity.

The Department of Mathematics excels in computational and applied mathematics. Departmental research includes nonlinear optics, neural networks, epidemics, wave propagation, electric power grids, thin films, and bubbles and foams.

The Department of Physics is at the forefront of research in both the search for dark matter and the confirmation of the Higgs boson. Students studying physics participate in annual conferences and receive national and international recognition for their research.

The Department of Statistics and Data Science is a nationally recognized department with a history of producing outstanding, highly marketable graduates and a history of being at the forefront of statistical research and innovation.

The SMU Human Rights Program provides unique opportunities for students to study abroad through real-world experiences and observations. Students as well as faculty, staff, and members of the community are encouraged to participate in several trips that provide stark reminders of the importance of human rights. smu.edu/humanrights

HUMAN RIGHTS CHAMPION.
RICK HALPERIN’S PASSION FOR HUMAN RIGHTS SPANS DECADES AND CONTINENTS. HE BRINGS LIGHT TO DARK SUBJECTS AND CHALLENGES HIS STUDENTS TO EXAMINE THE WORLD, EXPOSE INJUSTICE, AND NURTURE GOODNESS FROM THE ASHES OF PAST WRONGS.

RICK HALPERIN
Director, Human Rights Program, Department of History

The SMU Human Rights Program partnered with Long Way Home’s initiative to provide schools for the children of San Juan. Markets and Culture major and Psychology minor, Mamie Murry, assisted with building schools from sustainable resources while on an SMU Alternative Breaks trip in San Juan Comalapa, Guatemala.
OUR FACULTY

IMAGING THE EARTH. IMAGINING OUR FUTURE.

WHY DO EARTHQUAKES HAPPEN WHERE THEY DO? CAN CHANGES IN CLIMATE AFFECT WHERE AND HOW OFTEN EARTHQUAKES OCCUR? CAN WE MAP THE OCEAN CIRCULATION AND QUANTIFY WHERE HEAT IS STORED IN THE OCEANS? BEATRICE MAGNANI IMAGES THE HYDROSphere AND THE LITHOSPHERE USING SEISMIC WAVES TO INVESTIGATE THESE QUESTIONS AND TO LEARN HOW TO MITIGATE THE GEohAZARDS TO WHICH WE ARE EXPOSED.

BEATRICE MAGNANI
Department of Earth Sciences

EXPLORING ECONOMIC CHANGE.

MICRO-ECONOMIST SANTANU ROY IS A LEADING SCHOLAR IN DYNAMIC MODELS AND INDUSTRIAL ORGANIZATION. HIS RESEARCH EXPLORES HOW ECONOMIC INCENTIVES AND STRATEGIC BEHAVIOR DETERMINE THE WAY IN WHICH MARKETS AND INDUSTRIES EVOLVE OVER TIME, HOW MARKETS WITH INFORMATION PROBLEMS WORK, ECONOMIC GROWTH UNDER UNCERTAINTY, EXTINCTION AND CONSERVATION OF NATURAL RESOURCES, AND THE PROBLEMS OF ECONOMIC GLOBALIZATION.

SANTANU ROY
Department of Economics

STYLING THE PAGE.

RHONDA GARELICK TEACHES MODERN LITERATURE, DRAMA, POPULAR CULTURE, AND JOURNALISM. SHE WRITES THE "FACE FORWARD" COLUMN FOR THE STYLE SECTION OF THE NEW YORK TIMES AND APPEARS OFTEN IN THE MEDIA AND IN DOCUMENTARY FILMS. SHE HAS WRITTEN BOOKS ON THE ARTS IN EUROPE, AS WELL AS A CRITICAL BIOGRAPHY OF DESIGNER COCO CHANEL. SHE IS AT WORK ON A NEW BOOK CALLED WHY FASHION MATTERS, ABOUT THE RELATIONSHIP OF FASHION TO GLOBAL POLITICS.

RHONDA GARELICK
Departments of English and Journalism

JEFFREY A. ENGEL
Director, Center for Presidential History
Department of History

MEASURING AMERICAN MORALITY.

WHY DOES AMERICA GO TO WAR? FOR SECURITY, RESOURCES, OR THE MYRIAD OF THINGS STATES HAVE Fought OVER FOR MILLENNIA. BUT HOW DOES AMERICA GO TO WAR? HOW DOES A NATION BUILT BY IMMIGRANTS JUSTIFY KILLING PEOPLE WHO MIGHT WELL BE RELATIVES, OR, BUT FOR A TWIST OF FATE, MIGHT THEMSELVES HAVE BEEN AMERICANS? JEFFREY A. ENGEL WANTS TO ANSWER THAT QUESTION, BECAUSE HOW WE DEFINE OUR ENEMIES TELLS US WHO WE ARE.
DEDMAN COLLEGE SCHOLARS PROGRAM

This Program is designed to enrich the University’s intellectual life by providing unique learning opportunities for select students seeking a major within Dedman College. The Program offers scholarship support and an actively engaged community of peers, faculty, and staff. Scholars also receive acceptance into the University Honors Program and guidance toward an independent project or capstone. smu.edu/dedmanscholars

Data Science Major

Housed in Dedman College, the Bachelor of Science in Data Science is an interdisciplinary, interschool effort between Dedman College, the Lyle School of Engineering, and the Cox School of Business. Disciplines and skillsets taught draw on all the component fields of this area of study, including computer science, statistics, and mathematics. Through courses in the program, professors encompass topics in ethics and privacy to introduce real-world scenarios and opportunities to students. This innovative degree requires a senior-year capstone experience to ensure strong application skills and orientation. Almost every field of study uses some data science skills in the modern world. With the intent of helping students contextualize data science in any given discipline, students are required to declare a second major of their choosing. Students interested in an introduction to coding, data analysis, and data management can choose to minor in Data Science.

SMU-UT Southwestern Undergraduate Research Fellowship Program

The Departments of Chemistry and Biophysical Sciences’ new undergraduate research fellowship program is designed to provide selected students with a unique opportunity to perform scientific research for a full semester at UTSW’s Graduate School of Biomedical Sciences. This research fellowship is exclusively available to students with a declared major in Chemistry or Biophysical Sciences. While remaining a full-time SMU student, fellows will conduct research full-time under the guidance of UTSW faculty and an SMU faculty mentor. Fellows will carry out a well-defined research project and make original contributions to their scientific discipline. Upon successful completion, fellows will earn 12 credit hours, comprised of degree program requirements and advanced elective credits.
The University Honors Program (UHP) prepares students for the future through a broad-based education centered in the humanities and sciences. All undergraduate students are automatically considered for membership in the UHP, and generally, the top 10% of students are invited to join. Current students with an SMU GPA of at least 3.5 may apply to join the UHP.

Key benefits include:

- Small, discussion-based classes
- Peer mentoring from upper-class honors students
- Dinners, lectures, workshops, and other events
- Independent study and research projects
- National and international travel courses
- A close community of scholars where intellectual and personal bonds are forged

smu.edu/uhp

PRE-HEALTH

SMU Pre-Health students’ acceptance rates to medical schools typically are 10-15% above the national average.

The Pre-Health Program provides students with the academic advising, preparation, opportunities, and assistance to successfully apply to graduate health schools. Students have access to dedicated advising, a customized curriculum, membership in Pre-health student groups, application workshops, and the Health Professions Recommendation Committee (HPRC).

Students prepare for careers in:

- Medicine
- Optometry
- Dentistry
- Pharmacy
- Physician Assistant
- Veterinary Medicine
- Physical Therapy

Recent Pre-Health students have been admitted to top graduate health schools including: Johns Hopkins, Vanderbilt, UT Southwestern, Harvard, UCLA, Yale, Washington University in St. Louis, Baylor College of Medicine, Penn State, Baylor College of Dentistry, and Texas A&M College of Veterinary Medicine. [smu.edu/prehealth](smu.edu/prehealth)

PRE-LAW

60% of Pre-Law students major within Dedman.

The Pre-Law Program guides and prepares students who are interested in pursuing legal education after graduation. It develops the academic and strategic skills necessary to successfully prepare to apply and excel at the law school of their choice.

Pre-Law resources include:

- Academic advising
- Minor in Law and Legal Reasoning
- Networking opportunities
- Access to law school recruitment services

Recent Pre-Law students have been admitted to top law schools including: Yale, Harvard, Stanford, University of Chicago, Columbia, NYU, UVA, UC Berkeley, Emory, Duke, Georgetown, Boston University, UT Austin, William and Mary, Florida State, University of Oklahoma, and SMU. [smu.edu/prelaw](smu.edu/prelaw)

UNIVERSITY HONORS PROGRAM

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smu.edu/uhp
**DEDMAN COLLEGE MAJORS**

Anthropology  
Biochemistry  
Biological Sciences  
Biophysical Sciences  
Chemistry  
Data Science  
Earth Sciences  
  Environmental Studies Specialization  
  Geology Specialization  
  Environmental and Resource Sciences Specialization  
  Geology Specialization  
  Geophysics Specialization  
Economics  
  Management Information Applications Concentration  
  Economics with Finance Applications Concentration  
English  
  Creative Writing Specialization  
(Ethnic Studies)  
  African/African-American Studies  
  Mexican-American Studies  
Health and Society  
History  
Human Rights  
Individualized Studies in the Liberal Arts  
Individualized Studies in the Liberal Arts (with a focus on Women’s and Gender Studies)  
International Studies  
Markets and Culture  
Mathematics  
Medieval Studies  
Philosophy  
Physics  
  Cosmology & Astrophysics Specialization  
Political Science  
Psychology  
Public Policy  
Religious Studies  
  Asian Religions Specialization  
  Christian Tradition Specialization  
  Religion and Culture Specialization  
Sociology  
Statistical Science  
(World Languages & Literatures)  
  WLL: Arabic  
  WLL: Chinese  
  WLL: French  
  WLL: Italian  
  WLL: Russian  
  WLL: Spanish  
French  
French Studies  
Spanish

**DEDMAN COLLEGE MINORS**

Anthropology  
  Archaeology  
  Biomedical Anthropology  
  Cultural Anthropology  
  Environmental Anthropology  
Area Studies  
  Africa/Middle East Studies  
  Asian Studies  
  European Studies  
  Latin American and Iberian Studies  
Biological Sciences  
Chemistry  
Classical Studies  
Cognitive Science  
Data Science  
(Earth Sciences)  
  Environmental Earth Sciences  
  Geology  
Economics  
English  
Ethics  
(Ethnic Studies)  
  African/African-American Studies  
  Mexican-American Studies  
Health Sciences  
History  
Human Rights  
International Studies  
Jewish Studies  
Law and Legal Reasoning  
Mathematics  
Medieval Studies  
Neuroscience  
Philosophy  
Physics  
Political Science  
Psychology  
Public Policy and International Affairs (Tower Scholars Program)  
Religious Studies  
Sociology  
Statistical Science  
Women’s and Gender Studies  
(World Languages & Literatures)  
  Arabic  
  Chinese  
  French  
  German  
  International Film Studies  
  Italian  
  Italian Area Studies  
  Japanese  
  Latin  
  Russian Area Studies  
  Spanish
Center for Drug Discovery, Design and Delivery (CD4)
Targeting medically-important problems through innovative, multidisciplinary scientific research, CD4’s mission is to potentiate the development of new therapeutics and their delivery methods, as well as the translation of these new therapeutics to clinical use. smu.edu/cd4

Center for Research Computing
Recognizing that computer simulation and analysis has become an essential facilitator of discovery in most disciplines, the Center for Research Computing’s mission is to stimulate interdisciplinary education and research enabled by modern high-performance computing technology. smu.edu/crc

William P. Clements Center for Southwest Studies
Established in 1996, the Clements Center promotes research, publishing, teaching, and public programming in various fields of inquiry related to Texas, the American Southwest, and the U.S.-Mexico borderlands. smu.edu/swcenter

John Goodwin Tower Center for Public Policy and International Affairs
Since its creation in 1992, the Tower Center has dedicated itself to the interdisciplinary, nonpartisan study of public policy and international affairs, the advancement of public service, and the education of the next generation of leaders. smu.edu/tower

Center for Presidential History
A valuable higher education resource serving scholars, students, and the public, the Center for Presidential History exists to research and advance understanding of the history of the American presidency. smu.edu/cph

Mission Foods Texas-Mexico Center
The Mission Foods Texas-Mexico Center is an action-oriented research policy center looking to understand and explore the dynamic politica, cultural, economic, and commercial relationship between Texas and Mexico. smu.edu/texasmexico

Dedman College Centers

DEDMAN COLLEGE

DEDMAN COLLEGE CENTERS

DEDMAN COLLEGE INSTITUTES

Dedman College Interdisciplinary Institute
DCII promotes a culture of problem-solving and knowledge creation to meet the world’s increasingly complex needs, bridging academia and the broader community through research initiatives, student fellowships, and public symposia. smu.edu/dedman/dcii

Institute for the Study of Earth and Man
A mission-driven interdisciplinary organization, the ISEM benefits SMU, Dallas, and the nation by promoting and supporting archaeological and geological research at the interface of people, Earth, and the environment. smu.edu/isem

Bush Institute-SMU Economic Growth Initiative
Advancing policy ideas that promote economic growth and opportunity the world over, this partnership strengthens SMU’s voice on pressing issues of our time and showcases the work of economists involved in one of the most productive economics research programs in the country. smu.edu/GWBIInstitute