In every course I teach, I try to learn about the long-term goals and aspirations of individual students, and I push students to seriously think about their education as a means or step in the process of reaching their life goals. I hope students will think about their lives, not only in terms of tomorrow’s due date, but also in terms of what they want to accomplish and how they should invest their time to make their lives meaningful.

Kay Robbins, Ph.D.
Professor, Department of Computer Science
Between the lectures, colloquia, diverse class offerings and exposure to the latest techniques, I am hard-pressed to come up with an area of interest that is left unexplored by the College of Sciences. I am satisfied that UTSA has provided a sound foundation for my future endeavors.

Jacob Boomsaad
senior, biology

You hope to change the future by exploring new frontiers in science and mathematics. And you can become a scientific leader of your generation with the knowledge and skills you hone in the College of Sciences.

BEGIN YOUR JOURNEY AT THE COLLEGE OF SCIENCES

We are ranked No. 1 in the United States in the number of bachelor’s degrees awarded to Hispanic students in the biological sciences and No. 6 in mathematics. We offer a world-class faculty and unparalleled opportunities to perform cutting-edge research. For example, our student researchers have access to our new aberration-corrected electron microscope—the first of its kind nationwide—which displays images at a resolution of less than one ten-billionth of a meter. We also train students to become effective educators through the Generating Educational Excellence in Mathematics and Science (GE’EMS) Program.

- More than 5,100 students are enrolled in the College of Sciences, including more than 4,500 undergraduates.
- The college’s facilities include three buildings and 70 research and instructional laboratories.
- The Center for Research and Training in the Sciences offers resources for identifying funding for students and faculty members.
- Composed of 19 research teams led by College of Sciences faculty, UTSA’s South Texas Center for Emerging Infectious Diseases is one of the leading emerging infectious disease research centers in the country, generating more than $10 million in research funding from the National Institutes of Health and private organizations. In collaboration with the UT Health Science Center, the center secured a license to produce a vaccine against the bacterium that causes chlamydia, the most common preventable cause of infertility in women.

DEGREE PROGRAMS

Biochemistry
Biology
- CONCENTRATION IN Cell and Molecular Biology
- CONCENTRATION IN Integrative Biology
- CONCENTRATION IN Microbiology/Immunology
- CONCENTRATION IN Neurobiology
- CONCENTRATION IN Plant Biology
Chemistry
Computer Science
- CONCENTRATION IN Computer and Information Security
- CONCENTRATION IN Software Engineering
Environmental Science
Geology
Mathematics
- CONCENTRATION IN General Mathematical Studies
- CONCENTRATION IN Mathematics
Multidisciplinary Science
Physics
Pre-Dental *
Pre-Medical *
Pre-Nursing *
Pre-Occupational Therapy *
Pre-Optometry *
Pre-Pharmacy *
Pre-Physical Therapy *
Pre-Veterinary Medicine *
* Pre-professional preparation program, not a major

MINORS

Biology
Chemistry
Computer Science
Geology
Mathematics
Physics