

# COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY

## Mission Statement

The College of Science, Engineering and Technology at Texas Southern University is dedicated to integrating sciences and contemporary technologies, through education, scholarly activities, and community service, and meeting the needs of a diverse graduate and undergraduate student population while addressing critical urban issues within a global economy.

As an instructional agent of the University, the College of Science, Engineering and Technology has an additional service mission as stated below:

1. To provide students of varied scholastic levels access to higher education by providing the academic foundations necessary for accessing educational programs at the University.
2. To prepare competent professionals and leaders capable of providing effective service and developing solutions to the problems of the nation and the world, especially in urban environs.

In pursuing its missions, the College embraces the following goals:

1. Provide high quality instruction
2. Perform basic and applied research
3. Engage in community service
4. Optimize enrollment of college-ready undergraduate students and enhance graduate student enrollment
5. Strive for steady increase in external funding
6. Ensure that the College's administrative units function effectively and efficiently so that they support the mission of the College and the University

## Admission Policies

Applicants wishing to enroll in one of the programs of study leading to graduate degrees offered through the College of Science, Engineering and Technology must gain admission to Texas Southern University through adherence to the policies and procedures established by the Graduate School.

## Student Organizations

Student participation in a number of professional organizations and societies having student affiliated chapters on the Campus is encouraged. The principle organizations operating in the College are listed below:

- American Chemical Society Student Chapter (ACS)
- Beta Beta Beta Biological Honor Society
- Beta Kappa Chi Scientific Honor Society
- Chinese Students and Scholars Association (CSSA)
- Conference of Minority Transportation Officials (COMTO)
- Cyber Internet Security Student Association
- Environmental Student Club (ESC)
- Environmental Toxicology Graduate Students Association (ETGSA)

- Institute of Transportation Engineers (ITE)
- Intelligent Transportation Society of Texas (ITSA), TSU Student Chapter
- Mobil Application Development (MAD) Group
- National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE)
- National Society of Black Engineers (NSBE) Student Chapter
- National Technical Association (NTA) TSU Student Chapter
- Texas Southern Computing Society (TSCS)
- Texas Southern University Student Chapter of Society of Environmental Toxicology and Chemistry (SETAC)
- Texas Southern University Society of Young Engineers (SYE)

Students should seek additional information on these organizations through the Office of the Dean or through the Department offices in the College.

- Biology, Master of Science (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/biology/biology-ms/>)
- Chemistry, Master of Science (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/chemistry/chemistry-ms/>)
- Computer Science Plan A. (Thesis Option), Master of Science (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/computer-science/computer-science-thesis-option-ms/>)
- Computer Science Plan B. (Non-Thesis option), Master of Science (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/computer-science/computer-science-non-thesis-option-ms/>)
- Environmental Toxicology (Non-Thesis Option), Master of Science (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/environmental-interdisciplinary-sciences/environmental-toxicology-non-thesis-option-ms/>)
- Environmental Toxicology (Thesis Option), Master of Science (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/environmental-interdisciplinary-sciences/environmental-toxicology-thesis-option-ms/>)
- Environmental Toxicology, Doctor of Philosophy (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/environmental-interdisciplinary-sciences/environmental-toxicology-phd/>)
- Mathematics, Masters of Science (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/mathematics/mathematics-ms/>)
- Transportation Planning and Management (Non-Thesis Option), Master of Science (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/transportation-studies/transportation-planning-management-non-thesis-option-ms/>)
- Transportation Planning and Management (Thesis Option), Master of Science (<https://catalog.tsu.edu/graduate/schools-colleges/science-engineering-technology/transportation-studies/transportation-planning-management-thesis-option-ms/>)