



## SHSU KATFACTS

BEST .....  
COLLEGES  
..... FOR THE  
**MONEY**

**NUMBER 1**  
IN PLACING STUDENTS  
IN THE WORKFORCE  
WITHIN **12 MONTHS** OF  
GRADUATION

FACULTY  
--- TO ---  
STUDENT  
RATIO  
**1:25**



MORE THAN  
**230**  
STUDENT  
ORGANIZATIONS

Other degrees and minors offered in  
the Department of Chemistry:

- Chemistry, Professional Chemist Track, BS
- Chemistry, Technical Career Track, BS
- Chemistry and Chemical Engineering, BS
- Chemistry, Emphasis in Biochemistry-  
Biotechnology, BS
- Forensic Chemistry, BS
- Minor in Chemistry

Sam Houston State University

Department of Chemistry  
Box 2117 | Huntsville, TX 77341-2117

[shsu.edu/see/chemistry](http://shsu.edu/see/chemistry)  
1-866-BEARKAT



## CHEMISTRY

*Bachelor of Science*

College of Sciences



TM

[shsu.edu/see/chemistry](http://shsu.edu/see/chemistry)

SAM HOUSTON STATE UNIVERSITY

MEMBER THE TEXAS STATE UNIVERSITY SYSTEM





## CHEMISTRY

*Find the Solutions*

[shsu.edu/see/chemistry](http://shsu.edu/see/chemistry)

## TOP FIVE EMPLOYERS FOR CHEMISTRY MAJORS

1. Laboratories
2. Government Agencies
3. Research Institutions
4. Pharmaceutical Companies
5. Higher Education



## A BACHELOR'S DEGREE IN *CHEMISTRY*

Approved by the American Chemical Society, Sam Houston State University's chemistry program will give you a quality education in the fundamental knowledge of chemistry, including how to critically examine and analyze observations and how to use chemical understanding to propose solutions to problems that may arise in industry, academia, or various other careers associated with chemistry. You have the opportunity for hands-on experience in working with atomic absorption, gas chromatography, high performance liquid chromatography, ultraviolet and visible spectroscopy, 60 MHz and 300 MHz nuclear magnetic resonance spectroscopy, mass spectrometry, ion chromatography, capillary electrophoresis, and other standard instrumentation in the field.

At SHSU, you can major in chemistry with a chosen track for professional chemists or other technical careers, along with the option to choose an emphasis in biochemistry-biotechnology. The professional chemists track leads to an American Chemical Society certification and prepares students for graduate studies in traditional chemical fields. Students interested in professional schools, chemistry-associated industries, or secondary education may pursue the technical careers track. With an emphasis in biochemistry-biotechnology, students are prepared for careers in biotech companies across the state and nation. A strong skillset in mathematics is strongly suggested for the chemistry program.

## REQUIREMENTS

Students are required to choose one of two tracks listed above.

**Minor:** A minor is required for this degree, and a variety of minors can complement a major in chemistry. Some of the more popular minors include biology, criminal justice, general business, mathematics, and education.

## SCHOLARSHIPS

Students may apply for chemistry scholarships and non-degree specific scholarships by completing the Scholarships4Kats online application. Transfer scholarships are available for students who would like to continue their academic career at Sam Houston. SHSU provides a quality education at an affordable cost.

## STUDYABROAD

The Department of Chemistry has a study abroad program in Germany in which students carry out summer undergraduate research at a German university and can experience the culture and approach to chemical education in Europe.