

### **Leisure Time Activities**

The SHSU Chemistry Club provides a setting for social interaction with other science students, for intramural sports activities, and for service to the university as well as the Huntsville community. Through fundraising activities, they also provide funds for students to attend and present poster papers on their recent research activities at the American Chemical Society Regional or National Meetings. For more information about the Chemistry Club, visit their web site at [www.shsu.edu/~org\\_chm/](http://www.shsu.edu/~org_chm/).

There are also a number of service and religious groups on campus as well as social organizations. In addition, the University sports teams are part of the Southland Conference and their events are free to students with their student IDs.



# Welcome to the Department of Chemistry

## Sam Houston State University Huntsville, TX 77341



Farrington Science Building

Department of Chemistry  
P.O. Box 2117  
Huntsville, TX 77341  
[www.shsu.edu](http://www.shsu.edu)

The study of chemistry and the role it plays in our lives such as the clothing and textile industry, agricultural industry such as herbicides and pesticides, the food industry, medicine, oil products, and cosmetics is fascinating and ever changing. We invite you to examine the program at Sam Houston State University and learn how we can help you reach your career goals.

### **The University**

Sam Houston State University is nestled among the pine forests of southeast Texas about 60 miles north of Houston and 160 miles south of Dallas. Thus, we enjoy the fine dining and cultural life of Houston, yet have the advantages of small town life in Huntsville.

### **The Department of Chemistry**

The Department of Chemistry is located in the Farrington Building on the southern part of the campus. The chemistry program is recognized by the American Chemical Society and students obtain the background to 1) continue their studies in graduate or professional schools,



- 2) pursue careers in chemistry, chemical sales, forensic chemistry, environmental chemistry, chemical applications, or
- 3) enter into joint programs such as with Texas A&M for a double major in chemistry and chemical engineering.

### **Departmental Focus Areas**

The Department has an extensive array of modern equipment that allows the students to develop a way of thinking about chemical questions and have the tools and skills to address those questions as they mature through the B.S. in Chemistry. In addition, the Department is also strengthened by the following:

The B.S. in Forensic Chemistry allows students to carve out careers in analyzing crime scenes, taking evidence and assisting the courts in solving various problems using chemical techniques and approaches. One can obtain this degree with minors either in Criminal Justice or Biology and can opt to pursue the state's only Master's degree in Forensic Science at Sam Houston State.

B.S. in Chemistry with a Biotechnology Emphasis. This is an ever growing field with a high demand for students with training in both the use of instrumentation and the knowledge and laboratory skills to address biologically important programs in our society through a chemical approach. The nearby city of Houston with the Medical Center and the Woodlands with its array of biotech companies ensure a continuing exploration in this area.

Undergraduate Research Working with a faculty mentor, students are offered fellowships to carry out research and to strengthen communication skills by presenting their results at regional meetings of the American Chemical Society.

### **Scholarships**

Students who remain in good standing in their studies have a number of opportunities for financial aid from within the Department. These include the following sources:

- Robert A. Welch Research Fellowships
- Chemistry Academic Scholarships
- Chemistry Alumni Scholarships
- Jeffrey Zagone Memorial Scholarship
- J. C. Stallings Scholarship
- Ray E. Humphrey Scholarship
- Jason L. Moore Scholarship
- Earl H. Burrough Endowed Scholarship

In addition, many students work for the Department in the chemical stores, as teaching assistants, tutoring and other assignments.

Give us a call or stop by to visit. We will be glad to answer any questions you may have. Our Web Page address is [www.shsu.edu/~chemistry/](http://www.shsu.edu/~chemistry/)