why SHSU?

This is a university that thinks big but feels small. With a student population of over 19,000, SHSU prides itself with creating a close community. Current students and alumni alike attest to the warm, supportive environment found all over the SHSU campus. Faculty members are more than professors—they are mentors, advisors, informal tutors, and personal links to great career connections.

Sam Houston State University has something—and then some—for everyone. No matter where you look, you will find ways to have fun, make great friends, enjoy the arts, serve others, and challenge yourself.

An education from Sam Houston State University prepares graduates to be a vital part of the world. It gives them the theoretical and practical knowledge to understand and solve challenges. It equips them with the experience and confidence to become effective leaders. It develops in them a heart for service to their communities. It gives them the tools they need to have an impact—as new graduates and for the rest of their lives.

There are many ways to learn more about Sam Houston State University, but the best way is to come visit campus and experience it for yourself.

The Biomedical Sciences degree offered by the Department of Biological Sciences provides a robust, yet flexible curriculum with an emphasis on studying the biological basis of health and disease. It is designed to thoroughly prepare students for entrance into medical, dental, pharmacy, physician assistant, and other professional schools, as well as graduate study in the biomedical sciences and employment as a laboratory research assistant.
Are you interested in understanding diseases like cancer, diabetes, and others? If so, the Bachelor of Science in Biomedical Sciences degree is for you. Whether you're interested in a career focused on investigating the cause of disease at the cellular and molecular level, testing new pharmaceuticals, or developing treatment plans for patients, this degree is the first step forward. The Biomedical Sciences degree will prepare you for professional school, or employment in a clinical or research lab. Should a graduate degree in a sub-discipline of biomedical sciences, such as microbiology, cell biology, genetics, developmental biology, or immunology be in your plans, then this degree will provide the rigorous curriculum graduate schools are looking for in their applicants. You will receive training from faculty with expertise in the biomedical sciences who teach courses such as microbiology, endocrinology, cell biology, molecular biology, immunology, pathophysiology, genetic analysis of human disease, and others.

SCHOLARSHIPS
The Department offers several scholarships for freshmen and transfer students. Apply for biology scholarships and non-degree specific scholarships by completing the ScholarX online application.

RESEARCH
As a Biomedical Sciences student, you can engage in original, faculty-guided scientific research and actively contribute to advancing our scientific knowledge of human health and disease. You can choose a course of study in developmental biology, genetics, microbiology, physiology, cell biology, and others. The Department of Biological Sciences highly encourages undergraduate research by providing opportunities for students to present research at conferences and serve as co-authors on scientific publications.

STUDENT ORGANIZATIONS
Get involved in one of the many student organizations hosted by the Department of Biological Sciences. Organizations include SHAMOS (Sam Houston Association of Medically Oriented Students), Tri-Beta (a national biological honor society), the Pre-Dental Club, and the SHSU student chapter of the American Society for Microbiology.