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.

College of Sciences

The Bachelor of Science in design and development focuses on holistic product planning by teaching the process of concept generation. The curriculum targets design in architectural structures and manufactured products.

Graduates of the program are prepared for entry-level positions as designers and are employed by globallyScoped architecture firms and manufacturing companies.
Design Your Career

The design and development degree focuses on creating drawings and sketches of products. Designers assist engineers in developing product prototypes and models. The coursework focuses on design study to assist in implementation of technology innovation, materials, and aesthetic values. The degree is interdisciplinary with course requirements in marketing, management, production, and quality control analysis. Students in the program will obtain competencies in computer and presentation skills, comprehension of blueprints and product design specifications, problem-solving, and communication.

SCHOLARSHIPS

Students may apply for engineering technology scholarships and all other university scholarships by completing a single ScholarX application. Thanks to the generous support of our donors and alumni, most engineering technology students who apply for scholarships receive an award. Transfer scholarships are also available for students who would like to continue their academic career at Sam Houston State University.

FACILITIES

Our cutting-edge laboratories provide you with hands-on experiences in design, prototyping, electronics, safety, and electrical and renewable energy as well as metal, wood, and concrete construction for residential and commercial structures.

INTERNSHIPS

The internship program provides experience-based learning opportunities in your respective discipline of study. You generally seek internship experience at the end of your junior or senior year and can receive six hours of advanced course credit.

CAREERS

Graduates of the design and development program find career opportunities in entry-level management positions as CAD operators in industry, product designers, and architectural designers.