

UNDERGRADUATE CERTIFICATE IN SECURITY AND RESILIENCE IN THE CHEMICAL AND ENERGY SECTORS

The Undergraduate Certificate in Security and Resilience in the Chemical and Energy Sectors is designed to educate students working in, or seeking careers in, areas relating to security and resilience of infrastructures in the chemical and energy sectors. The certificate covers all aspects of the homeland security cycle—from protection, prevention, and mitigation to response and recovery—as they relate to the chemical and energy sectors.

Code	Title	Hours
Undergraduate Certificate in Security and Resilience in the Chemical and Energy Sectors		
Required Courses		
SCST 2365	Introduction to Emergency Management	3
SCST 2366	Introduction to Cybersecurity	3
SCST 3383	Energy Security	3
SCST 4301	Chemical and Energy Sector Resilience	3
SCST 4367	Critical Infrastructure Security	3
Total Hours		15

This Undergraduate Certificate is not eligible to receive Title IV funding – Direct Loans, Pell Grant, TEACH Grant, SEOG Grant, or Federal Work Study. Students enrolled in this program should explore alternative funding options and are encouraged to contact the financial aid office for assistance.

Additional information: Reference the Program Landing Page (<https://www.shsu.edu/programs/undergrad-certificate/security-in-chemical-and-energy/>) for additional information, such as cost, delivery format, contact information, or to schedule a visit.

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's 60x30TX plan and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The Undergraduate Certificate in Security and Resilience in the Chemical and Energy Sectors is designed to provide graduates with the following marketable skills:

- Risk Assessment.
- Emergency Management.
- Chemical and Energy Sector Security and Resilience.