

# 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
<b>Undergraduate Certificate in Security and Resilience in the Chemical and Energy Sectors</b>		
SCST 2365	Intro 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
<b>Total Hours</b>		<b>15</b>

**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.