

CARBON CAPTURE, UTILIZATION, AND STORAGE, CERTIFICATE

Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

Program Description

The Carbon Capture, Utilization, and Storage (CCUS) certificate focuses on understanding carbon capture methods, carbon dioxide (CO₂) transportation, enhanced hydrocarbon recovery using captured CO₂, geological CO₂ storage, and market dynamics related to CCUS. Students gain information in a growing field of CCUS with potential for career advancement in green technology. They develop skills to contribute to subsurface energy systems and climate change mitigation strategies by understanding the technical and economic aspects of CCUS implementation.

The prescribed courses for this certificate have one prerequisite, PNG 305: Rock and Fluid Properties.