

Online Graduate Certificate in Chemical Engineering Processes in Energy Transitions

The Mines graduate certificate in Chemical Engineering Processes in Energy Transitions is a three-course online program that provides engaging learning experiences in understanding current challenges and existing technologies in the safe production of energy, development of efficient energy storage systems, and associated environmental remediation methods related to carbon capture and utilization. Courses in the program focus on real-world challenges and state-of-the-art technologies. By bringing salient aspects of energy and environment under one umbrella, students develop the expertise necessary to address technological problems, make economic decisions, or formulate government policies. This program is designed for professionals and recent graduates who want to acquire new skills for career advancement or get a head start on an advanced graduate degree. The certificate program requires three 3-credit graduate courses identified below.

CBEN522	CHEMICAL ENGINEERING FLOW ASSURANCE	3.0
CBEN598A	ADVANCED ELECTROCHEMICAL ENGINEERING	3.0
SYGN598A	NON-GEOLOGIC CCUS: CAPTURE & UTILIZATION	3.0