

Energy Systems, Graduate Certificate (Online)

The Graduate Certificate in Energy Systems focuses on the combination of analysis and integration of energy systems engineering technology with financial planning and attention to business aspects and effective implementation.

This four-course graduate certificate seeks to offer students opportunities to apply the fundamentals of engineering knowledge and skills to analyze energy systems to propose effective and efficient technology solutions based on data-driven and economic-based decisions.

Note: Students enrolled in the master's in energy systems program are not eligible for this graduate certificate.

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Core Requirements

Code	Title	Hours
EMGT 6225	Economic Decision Making	4
EMGT 6305	Financial Management for Engineers	4
ENSY 5000	Fundamentals of Energy System Integration	4

Elective

Code	Title	Hours
Complete one of the following course, provided any prerequisites have been satisfied. Electives outside this list may be taken with prior approval from the faculty advisor.		4

ENSY 5100	Hydropower
ENSY 5200	Energy Storage Systems
ENSY 5500	Smart Grid
ENSY 5585	Wind Energy Systems
ME 5685	Solar Thermal Engineering

Program Credit/GPA Requirements

16 total semester hours required

Minimum 3.000 GPA required