

Certificate in Sustainable Energy

Admission

This certificate program is designed to provide students with a foundation in energy and sustainability and related issues such as renewable power generation, conservation of energy and related resources, energy efficiency, the electric grid, carbon intensity/footprint, life cycle assessment, and energy economics.

Students must be admitted to the Graduate School via one of the programs offered by the College of Engineering or Fairmount College of Liberal Arts and Sciences.

Program Requirements

In order to earn this certificate, students must complete one core course with a minimum grade point 3.000 and any three elective courses chosen from the list below with an average GPA of 3.000.

Course	Title	Hours
Required Course		
ME/PHYS 702	Energy and Sustainability	3
Elective Courses		
Select three courses from the following		9
ME 602	Engineering for the Environment	
ME 740	Indoor Air Pollution and Simulation	
ME 770	Transport in Porous Media	
ME 803	Solar Energy Materials	
ME 835	Modeling and Optimization of Building Energy	
ME 845	Renewable Energy	
ME 854	Two-Phase Flow Heat Transfer	
Total Credit Hours		12

In addition to these requirements, students must meet the Graduate School's requirements (<http://catalog.wichita.edu/graduate/academic-information/types-programs-courses/certificate-residency-badge-programs/>) in order to earn this certificate.