Nebraska Wesleyan University

PHYS 1200 Energy and the Global Environment

Catalog

2026-2027

Course Description

A course covering some of the most critical problems facing the world today - those relating to the production, distribution, and use of energy. The basic concepts of heat, work, electricity and energy as they apply to energy use around the world will be studied. The major source of energy, their value and importance, the historical and future demand for energy and the specific environmental problems and benefits encountered will be identified.
Three lectures and one laboratory per week.
Prerequisite(s): One year of high school algebra or permission of instructor.
(Normally offered alternate fall semesters.)

Archway Curriculum: Foundational Literacies: Scientific Investigations: Natural Science Laboratory
Archway Curriculum: Integrative Core: Humans in the Natural Environment Thread

Course Hours

4 hours

Departments

1. Physics