**Energy Education Grant**

**Development of a Minor in Renewable Energy (Energy Sciences Minor)**

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**ABSTRACT.** The Investigators propose to develop an eighteen credit-hour minor with three required core courses, each worth three credit-hours. Nine of the remaining credit-hours will be taken from one, or more, of four topic area lists. These topic areas are:

- Biotechnology/Food Systems
- Renewable Energy Production from Biological Sources – Biomass and Biogas (Agronomy, Animal Science, Biological Systems, Natural Resources)

A one credit-hour Energy Seminar will be required to complete the minor. Additionally, an optional one credit-hour Nebraska Energy Tour, and an optional one credit-hour Independent Energy Study will be offered. The combination of the three one credit-hour courses may replace one three-credit-hour course from the topical areas. The proposed minor will provide students at the University of Nebraska-Lincoln the opportunity to obtain a formal introduction into the science, technology, policy issues, and economics of renewable energy resources.