EER - Energy and Earth Resources

Energy and Earth Resources: EER

Lower-Division Courses
Upper-Division Courses
Graduate Courses

EER 194, 294, 394. Directed Readings in Energy and Earth Resources.
Restricted to students in the energy and earth resources program.
Energy, water, and environmental issues related to the exploration,
production, and consumption of energy in society. For each semester
hour of credit earned, one lecture hour a week for one semester. May be
repeated for credit when the topics vary. Offered on the credit/no credit
basis only. Prerequisite: Graduate standing.

EER 396. Seminar in Energy and Earth Resources.
Restricted to students in the Energy and Earth Resources program.
Graduate seminar covering a wide range of issues in energy and earth
resources. Three lecture hours a week for one semester, with additional
hours for some topics. May be repeated for credit when the topics vary.
Prerequisite: Graduate Standing.

Topic 1: Energy and Earth Resource Economics. Same as Petroleum
and Geosystems Engineering 383 (Topic 60: Energy and Earth
Resource Economics). Theoretical and applied topics in natural
resource economics, including project analysis, production
theory, industrial organization, markets and regulation, and
environmental economics. Additional prerequisite: Graduate standing
in computational and applied mathematics, engineering, or geological
sciences. Students seeking to enroll in this course must present
technical prerequisites satisfactory to the instructor.

Topic 3: Policy and Law.


Topic 5: Geology of Earth Resources. Same as Geological Sciences
386R. Study of geologic, economic, societal, and environmental issues
related to the production and consumption of energy, metal, industrial
mineral, and water resources. Emphasizes the descriptive geology and
origin of earth resources within the context of their overall geologic
settings. Three lecture hours and one laboratory hour a week for one
semester. Only one of the following may be counted: Energy and Earth
Resources 396 (Topic: Geology of Earth Resources), 396 (Topic 5),
May not be counted toward a graduate degree in geological sciences
or petroleum engineering. Prerequisite: Graduate standing.

EER 698. Thesis.
The equivalent of three lecture hours a week for two semesters. Offered
on the credit/no credit basis only. Prerequisite: For 698A, graduate
standing in energy and earth resources, at least nine semester hours of
coursework in the energy and earth resources program, and consent of
the graduate adviser; for 698B, Energy and Earth Resources 698A.

Professional Courses