

# ENERGY MANAGEMENT

- First program of its kind -- established in 1958
- Largest and longest-running energy management program in the world
- The uniqueness of the program is attributable to the cross campus collaboration incorporating classes from four of OU's strong energy-based colleges:
  - Price College of Business
  - Mewbourne College of Earth and Energy
  - College of Atmospheric and Geographic Science
  - College of Law
- Energy industry experts teach core classes
- Energy Management Student Association (EMSA) has been active since it began in 1959
- Significant scholarships are available to all members of the Energy Management Student Association
- Internships are plentiful and a critical aspect of a student's success, applying real world experiences with the program curriculum
- EM/PLM alumni base of over 2,200 people and growing



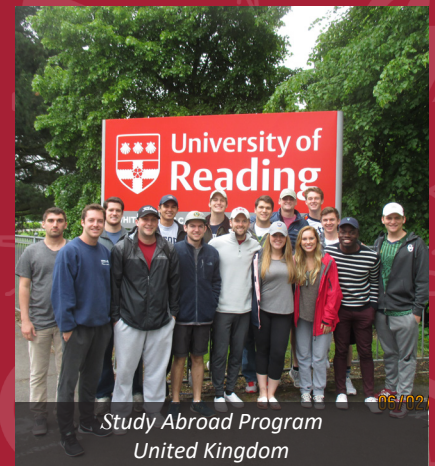
Energy Finance Field Trip  
New York City



NAPE Expo - Houston



Energy Policy & Regulatory Field Trip - Washington DC



Study Abroad Program  
United Kingdom



PRICE COLLEGE OF BUSINESS  
ROBERT M. ZINKE  
ENERGY MANAGEMENT PROGRAM  
*The UNIVERSITY of OKLAHOMA*

## KEY ENERGY COURSE OFFERINGS

**Intro to Energy Management** - Provides students interested in the energy industry an appreciation of the history of the OU Energy Management program and an understanding of the dynamics of the energy business. An industry expert from varying disciplines speaks in each class. This course can include field trips to courthouses, operations, processing and storage facilities.

**Oil, Gas and Environmental Law** - Reviews and analyzes the legal principles with case studies in the areas of contracts, land titles, leases, operating agreements, litigation, acquisitions, and divestitures.

**Real Property Law** - Discusses the general law of real property; historical development, title acquisition of personal property, estates in land, landlord and tenant relations, easements, deeds, mortgages, adverse possession, wills and trusts.

**Petroleum Engineering for Energy Management Majors** - Covers the fundamentals of petroleum engineering including properties of petroleum fluids and reservoir rocks; geophysical environment and exploration methods; drilling and completion methods; hydraulic fracturing; production systems and evaluation methods.

**Intro to Geology** - Introduces the fundamentals of geology and its application in land-use, groundwater, mineral use and fossil fuel exploration. Guest lecturers from industry, state, and federal surveys contribute to the content of the course.

**Petroleum Geology for Energy Management Majors** - Studies the integration of several fields of geology with geochemistry, geophysics and engineering to provide an overview of the science and technology used in the exploration for and development of oil and natural gas fields.

**Computer Mapping and Geographic Information Systems** - Surveys computer applications of GIS in providing fundamental techniques necessary for visual presentation, analysis, and interpretation of geographic data using desktop mapping technologies as a communication tool.

**Negotiations** - Explores the principles behind effective negotiation and mediation while helping students develop and refine their own unique styles. Students will learn negotiation strategies using case studies in a non-threatening classroom context. Provides students with a framework for analyzing negotiations, tools and concepts useful in negotiating more effectively.

**Financial Reporting Issues in Energy** - Studies financial reporting issues impacting energy companies including the accounting treatment for acquisition of mineral interests, geological and geophysical costs, intangible drilling costs, delays, rentals, dry hole costs, lease and well equipment, joint interest billing and payment of royalties.

**Natural Gas Marketing and Power Trading** - Provides an overview of the supply and demand of natural gas and electricity markets with an introduction to risk management techniques associated with the physical and financial aspects of the commodities.

**Derivative Securities and Markets** - Uses of futures, option and swap contracts in investments, banking, business finance and foreign trade. Topics include valuation, trading mechanics, strategies and applications. Hedging foreign currencies is included.

**Energy Production and Markets** - Assesses the energy landscape and introduces local, regional, national and international energy issues from a management perspective; provides comprehensive coverage of all facets of energy production and use. Introduces students to contemporary issues including new energy markets.

**Climate and Renewable Energy** - Examines the science and technical aspects of solar, wind, hydro, and biomass power systems. Emphasizes the key role of climate in determining where these systems are a viable alternative to energy generated by fossil fuels.