MBA students entering the energy industry must be prepared to understand, quantify, monitor, and manage the financial risks created by volatile energy prices and to participate in the evaluation of energy projects and energy derivatives. The academic cornerstone of the program is found in two courses: Financial Strategies-Energy (FIN 394.8), and the specially designated energy finance section of Financial Risk Management (FIN 397.4). The combination of these two courses addresses three broad areas of study in an energy context: asset valuation, corporate finance, and risk management. The valuation portion covers the valuing of financial contracts and derivatives securities. The corporate finance section examines financing decisions, business valuation, and mergers/acquisitions. The risk management area considers hedging and risk management strategies. Students in this concentration also participate in professional seminars on the "physical" side of the energy business to provide background on topics such as energy exploration, production, and distribution. Energy professionals play an important role in student development as they assist with these seminars and participate in class sessions on major energy finance issues. This concentration is supported by the Center for Energy Finance Education and Research.

**Curriculum Requirements**

FIN 286 - Valuation (flex core)
FIN 394.1 - Advanced Topics in Corporate Finance
FIN 397.1 - Investment Theory & Practice
STA 287 - Business Analytics and Decision Modeling (flex core)

*Note: Students should complete the above curriculum during their first year spring semester. Most remaining Finance electives have these courses as pre-requisites.*

**Accounting - Choose one (1) of the following:**

ACC 380K.8 - Petroleum Accounting: Principles, Procedures, and Issues (Recommended by Department)
ACC 380D - Advanced Topics in Financial Reporting
ACC 380K.7 - Financial Statement Analysis

**Finance - Take both of the following two (2) courses:**

FIN 394.8 - Financial Strategies (Energy)
FIN 397.4 - Financial Risk Management (Energy)

*Note: Both of these courses should be taken in the fall semester of the second year in the MBA program.*

**Additional recommended elective courses:**

LEB 380 - Energy Law
FIN 394.15 - Energy Finance Practicum
Law379M - Oil and Gas Taxation

**Total credit hours: 19**

**Career Opportunities**

- Project Manager
- Energy Investment Banking Associate
- Equity Research Analyst
- Sales and Trading Associate (Energy, Commodity)
- Senior Financial Analyst