Sample Curriculum*:

**Student B (has political science bachelor’s degree):**

**FALL SEMESTER**

**Core On-Campus Classes**
- Oil & Gas Development
- Energy in the 21st Century
- Special Projects: LNG Overview
- Energy & Global Geostrategy
- Ethics and Energy

**Professional Development**
- Off-Campus Seminar: Financial Skills for the Energy Industry
- Field Trip: Drill Site of Barnett Shale Horizontal Natural Gas Well
- Field Trip: Workover Rig (hydraulic stimulation/gathering system/lift)
- Field Trip: Nuclear Energy Plant
- Mentor Program
- Internship
- Leadership Project: Portfolio Management of Energy Company Stocks

**Capstone Team Project:**
“Comparison of Resources, Economic Cycles, and Impacts of a Horizontal Well versus a Wind Turbine and Solar Installation”
(Evaluation of discounted and undiscounted revenue stream net of operating costs, taxes and royalties over life of the project)

**SPRING SEMESTER**

**Core On-Campus Classes**
- Overview of Petroleum Engineering
- Environmental Issues in Energy
- Special Problems: Analysis of Current Events in Energy
- Energy Accounting: Financial Reporting
- Energy Accounting: Oil and Gas

**Professional Development**
- International European Tour
  (week-long International Business Development Study Trip to Europe with Energy MBA students)
- Field Trip: Wind Generation Facility
- Field Trip: NAPE Expo & Summit
- Field Trip: Natural Gas Combined Cycle Electric Generation Plant
- Field Trip: Cheniere Energy’s Sabine Pass LNG Terminal

* Sample is a combination of recommended/required coursework, customizable content, and may change from year to year. Actual student’s curriculum.