Sample Curriculum*:

Student C (has geography bachelor’s degree):

**FALL SEMESTER**

**Core Campus Classes**

- Oil & Gas Development
- Energy in the 21st Century
- Special Projects: Domestic Energy Basins / Resource Potential
- Energy & Global Geostrategy
- Ethics and Energy

**Professional Development**

- Off-Campus Seminar: American Association of Petroleum Landmen Courses
- Contemporary Environmental Issues
- Field Trip: Drilled Site of Barnett Shale Horizontal Natural Gas Well
- Field Trip: Nuclear Energy Plant
- Mentor Program with energy executive
- Internship
- Leadership Project: Domestic Energy Basins

**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 Campus Classes**

- Overview of Petroleum Engineering
- Environmental Issues in Energy
- Special Problems: Analysis of Current Events in Energy
- Accounting: Financial Reporting
- Accounting: Energy Industry Accounting

**Professional Development**

- Off-Campus Seminar: American Association of Petroleum Landmen Courses
- 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.