

ENERGY

Propel the future of energy forward.

UNC Kenan-Flagler is the only top business school to offer an MBA Energy curriculum that allows students to explore the business of energy across every part of the energy value chain. Graduates emerge well-prepared to assume leadership roles, helping multinational companies, renewables firms, independent producers, utilities investment banks and consulting firms successfully navigate the Energy Transition.

EDUCATIONAL RESOURCES

Energy Faculty

Courses are taught by practitioners with experience in specific segments of the energy industry, including major international energy firms, electric utilities, energy banks and consulting firms. Faculty use their own cases to explore transactions encountered in their careers and expose students to day-to-day business situations unique to the energy industry.

UNC Kenan-Flagler Energy Center

The Center promotes sound public policy to achieve a Feasible Energy Transition. We do this through balanced programming, unbiased research and career placement across the energy value chain. Students benefit from access to career-focused events and conferences, research assistantships, internship assistance, and networking with faculty and industry professionals.

“This is a terrific moment to be involved in energy. Today, the U.S. is the global energy superpower. Opportunities abound across the value chain from traditional oil and gas through utilities and renewables. The UNC Energy Concentration prepares you by focusing on the business problems energy executives face every day. Our industry practitioner faculty will equip you with the technical knowledge needed to decode energy issues and show you how to apply your MBA skill set to the industry’s Transition challenges.”

Stephen Arbogast
Professor of the Practice
Concentration Leader for Energy



Energy Industry Conferences

The Energy Center hosts unique industry conferences, which are invitation only and conducted to promote open dialogue. Recent events include: Meeting the Renewables Intermittency Challenge, Emerging Technologies for Carbon Capture Utilization/Sequestration, and Electric Vehicles - Carbon Footprints, Grid Impacts and Likely Pace of Adoption.

Energy Club

The Energy Club enables students to gain exposure to the energy space and practice leadership around energy issues. The club organizes events such as:

- Lunch & Learn series, on topics such as renewables, nuclear power and utilities, and opportunities for women in the industry.
- Energy 101, to prepare students for interactions with employers.
- Case competitions and career treks, to provide students with experiential learning and networking opportunities.

EXPERIENTIAL LEARNING

Energy Center Student Research

The Center offers students cutting-edge research projects on topics related to each year’s Energy Conference, where students present their results to industry leaders. Past studies include: “The All-In Cost of Renewables as Base Load Power,” “The Value of Regulatory Certainty for New Nuclear Plants” and “Comparing Life Cycle Carbon Footprints of Battery Electric Vehicles, Plug-in Hybrids and Internal Combustion Engine Vehicles.”

National Case Competitions

MBA students represent UNC Kenan-Flagler at premier MBA energy case competitions. These competitions allow students to apply their industry and business knowledge and to network with professionals from across the U.S. In recent years, UNC Kenan-Flagler Energy MBAs have won case competitions at UCLA and University of Michigan and finished with top placings at Duke and Texas Christian University.

Clean Tech Summit

Co-hosted by the Center for Sustainable Enterprise and the Energy Center, this annual summit welcomes over 1,000 industry professionals, academics and government representatives to discuss the clean tech and the Energy Transition. In March 2022, the Energy Center facilitated two panels on nuclear power’s role in the Transition and two more on carbon capture.

In 2022 **THE ENERGY SECTOR** outpaced overall U.S. employment growth, adding more than 300,000 jobs.

Source: 2023 U.S. Energy & Employment Report



PROFESSIONAL AND CAREER DEVELOPMENT

UNC Kenan-Flagler provides resources for students pursuing energy careers, including career coaching, workshops and leadership development programming, and opportunities to network with executives and recruiters across all segments of the energy industry.

Career Treks

The Energy Club organizes multiple treks annually, including two during Career Week, one to Houston and one to Washington, D.C., as well as a trek to Charlotte. Treks provide students unparalleled exposure to different business models in the energy space. Alumni and company sponsored receptions provide students with networking opportunities beyond traditional on-campus employer recruitment.

Career and Recruitment Support

Students have access to a career coach dedicated to the energy industry, helping them explore all facets of the industry and preparing them for a successful career search. The employer engagement team develops and maintains relationships with top firms across all segments of the energy industry so that students can apply to a wide array of roles.

“Having seen a great deal about the business lines and finances of the Electric Power Business in my classes, I feel well prepared for my current and future roles at Duke Energy. The Energy Center’s emphasis on leadership and the contributions of alumni who regularly return to the school to discuss their Energy Careers, are other experiences that reinforces my confidence in the future.”

Darby Casey MBA '23
Associate Business Development at Duke Energy



Over half the net jobs in Energy added in 2022 **were held by women**, an increase of 149,732 positions.

Source: USEER Report, 2023

SELECT COURSES OFFERED

- » The Energy Value Chain
- » The Business of Renewable Energy
- » The Business of Electric Power
- » The Business of Midstream, Refining, and Petrochemicals
- » The Business of Oil and Gas: Exploration and Production
- » Fossil Fuel Firms and the Challenge of Carbon
- » Strategy of Project Finance
- » Industrial Finance
- » Renewable Energy: Project Development and Financing
- » Energy Taxation and Policy
- » Energy Consulting
- » Decision Making in the Energy Industry

KEY EMPLOYERS

AES	J.P. Morgan Energy
Amazon	KinderMorgan
Baker Hughes	Marathon Petroleum
BASF	Morgan Stanley Energy
Brookfield Infrastructure	National Petroleum Council
Calpine	Nextera Energy
Chevron	Piper Sandler
Cypress Creek	Radiance Solar
Duke Energy	SLB (formerly Schlumberger)
Emerson Electric	ScottMadden
ExxonMobil	Shell
Honeywell	Southern California Edison
	Wells Fargo Energy

COMPENSATION*

BASE SALARY	SIGNING BONUS	TOTAL
\$140,490	+ \$33,422	= \$173,912

*Mean compensation in 2024 for UNC Kenan-Flagler Full-Time MBA graduates