

Energy Transition Specialization – Bauer Mini-MBA Program (January 2024)

Instructor

Greg Bean is the Executive Director of the Gutierrez Energy Management Institute in the Bauer College of Business at the University of Houston. In this position, he is responsible for energy education, research, events and industry outreach at Bauer. He is also the Faculty Director of the MS in Global Energy Management Program and an adjunct faculty member. Greg has forty years of experience in the oil and gas industry, management consulting, and higher education. Prior to joining Bauer, Greg was most recently Managing Director – Oil and Gas Strategy and Organization Consulting at Deloitte Consulting. He started his career at ExxonMobil. Greg has a degree in chemical engineering from Texas A&M University.

Summary

The course is designed to introduce students to the significant changes to the global energy and related industries resulting from the transition to a low carbon energy world.

Courses

- (Thursday AM) The Current Global Energy System and the Drivers and Challenges of the Energy Transition
 - Understand the current global energy system
 - Identify the drivers and challenges for the global energy transition
- (Thursday PM) Scenarios for Evolution to a Low Carbon Energy World
 - Understand the uncertainties on the nature and pace of the transition
 - Analyze different scenarios for the evolution of energy sources and uses
- (Friday AM) New Energy Value Chains and Investment Requirements
 - Identify the new energy value chains required for a low carbon energy world
 - Understand investment implications for the energy industry
- (Friday PM) Implications of the Transition on the Energy Industry and Other Industries
 - Understand how current energy players might evolve and how new entrants might build business in the low carbon energy world
 - Understand the implication of the transition on other industries