

# ENERGY ANALYSIS AND POLICY, GRADUATE/ PROFESSIONAL CERTIFICATE

## LEARNING OUTCOMES

1. Demonstrate an awareness of the variety of energy sources and energy conversion technologies and master the language and scientific basis required to engage in the analysis of energy topics.
2. Analyze and compare the sustainability of different energy sources/ technologies from the perspective of engineering, economics, environmental impacts, and security of supply.
3. Demonstrate an awareness of the socio-political institutions that govern the energy industry and the societal and social justice impacts of energy policies.
4. Prepare for energy-related career pathways in industry, government, academia, NGOs, regulatory agencies and energy consulting. Gain experience by participating in “real-life” projects for actual clients in multidisciplinary student groups.