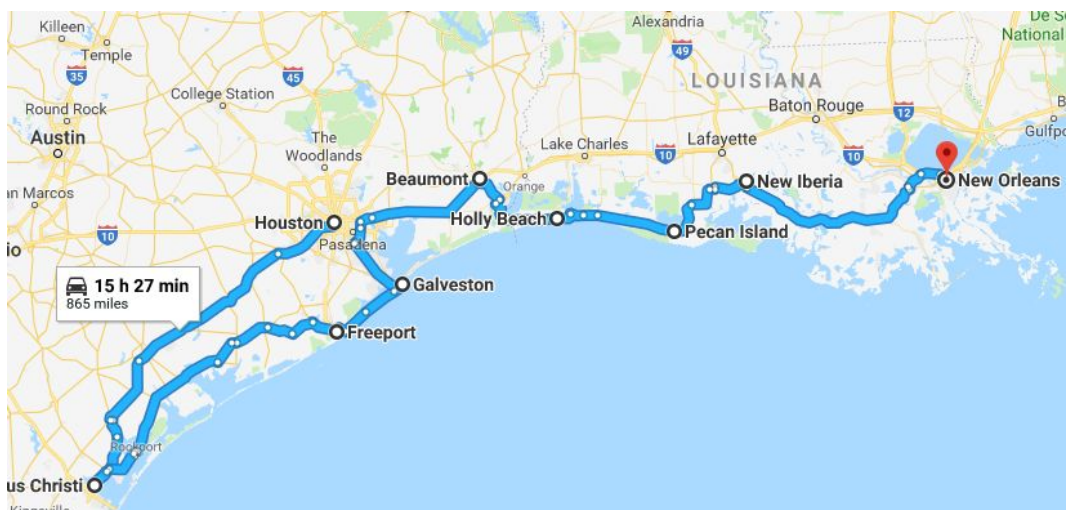


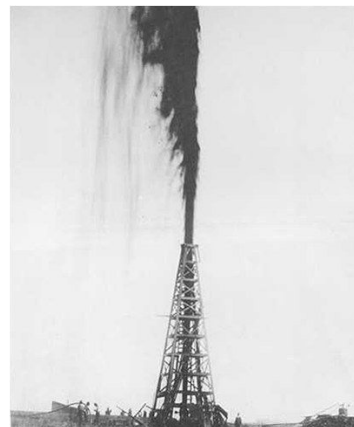
Gulf Coast Immersion: The Heart of America's Energy

November 25 - December 7, 2018



Learning Outcomes

- Understand the historical, cultural, political, and economic context of Gulf Coast energy systems and infrastructure. Students will gain insight into the challenges and future of the oil and gas industry and learn about fossil fuel extraction, refinement, combustion and the associated environmental, social, and legal challenges.
- Learn about wind power in Texas and its ability to meet energy needs given (1) the current global demand and (2) fossil fuel investments and infrastructure in the U.S.
- Become aware of grassroots activism and health policy in response to petrochemical plant emissions. This will be juxtaposed with the Gulf Coast's economic dependence and cultural identity surrounding oil and gas industry



- Understand how utility-scale energy connects with regional and global energy markets, and how state- and local-level government can influence energy systems and infrastructure.
- Learn about the causes and impacts of wetland erosion, oil spills, and increased development on the Louisiana coast.
- Get to know and value a tight knit community of students who share this trip experience. Understand their backgrounds, points of view, experiences, and feelings.

Trip Itinerary

Nov. 25	Houston, TX	The Arrival	Arrive at George Bush International Airport in Houston
Nov. 26	Houston, TX	Energy Background	Tour oil and gas facilities, meet with geologists, and learn about oil and gas industry
Nov. 27	Houston, TX	The Oil Field	Visit an oil field to learn about fossil fuel discovery, extraction, and challenges
Nov. 28	Corpus Christi, TX	Texas Wind Farms	Visit utility scale wind development and meet with industry leaders
Nov. 29	Galveston, TX	The Refining Process	View refineries from Galveston - discuss process, challenges, impacts, and the future of refining
Nov. 30	Houston, TX	Distributing Electricity	Visit electricity/energy company & discuss energy as a commodity
Dec. 1	Beaumont, TX	Spindletop	Visit the first gusher in Texas, marking the onset of the oil boom.
Dec. 2	Lake Charles, LA	Off Day	Spend time in Sabine National Wildlife Refuge
Dec. 3	Lafayette, LA	Wetlands and Fisheries	Learn about eroding wetlands and BP oil spill at White Lake Conservation Area
Dec. 4	River Road, LA	Cancer Alley	Drive through "Cancer Alley" - towns affected by petrochemical plants along the Mississippi River
Dec. 5	New Orleans, LA	Employment & Economy	Meet with politician to discuss Gulf Coast economy & reliance on oil and gas industry
Dec. 6	New Orleans, LA	What's Next?	Reflection and critical thinking in Audubon Park, or Jean Lafitte National Historical Park
Dec. 7	New Orleans, LA	Departure	Departure from New Orleans airport

Application Timeline

September 10: Trip Applications Open
September 23: Applications by 5PM
September 24-26: Interviews for applicants as needed
Week of October 1: Informational Session #1
Week of October 8: Informational Session #2
Week of October 15: Informational Session #3
Week of October 22: Informational Session #4
Week of October 29: Informational Session #5
Week of November 5: Informational Session #6
Week of November 12: Informational Session #7
November 25: TRIP BEGINS!!!

Cost

On the trip: \$150 covers all on the ground travel expenses, programming, housing, and food for the entire duration of the trip.

Flights: You will be responsible for the flight to Houston, TX (starting point) and from New Orleans, LA (ending point) (\$350 -\$450 round trip from Boston).

Financial aid is available to cover both cost of flights and cost of the trip. Cost will not be a barrier to participation in this program. If you're worried about the cost, please apply and we will work with you to make the trip possible!

