

Highlighted Courses

JACKSON SCHOOL OF GEOSCIENCES

- Geology of Earth Resources
- Groundwater Resource Evaluation
- Reservoir Geology and Advanced Recovery
- Sequence Stratigraphy
- Sedimentary Basin Analysis
- Geothermal Energy Resources

COCKRELL SCHOOL OF ENGINEERING

- Renewable Energy/Environmental Sustainability
- Restructured Electricity Markets
- Decision Analysis
- Energy Finance
- International Petroleum Concessions
- Fundamentals of Enhanced Oil Recovery
- Energy Technology and Policy

Five Degree Options

- Master of Science in Energy and Earth Resources (MSEER)
- Master of Arts in Energy and Earth Resources (MAEER)
- Dual Master's Degree in EER (MA) and Public Affairs (MPAff)
- Dual Master's Degree in EER (MA and Global Policy Studies (MGPS)
- Dual Master's Degree in EER (MA) and Business Administration (MBA)

SCHOOL OF LAW

- Oil and Gas Law
- Electricity Law
- Water Law
- Coastal Watersheds Law/Natural Resources Law
- Energy Policy Development

LBJ SCHOOL OF PUBLIC AFFAIRS

- Intro to GIS - Public Policy
- Statistical Analysis and Learning
- Advanced Policy Economics
- Policymaking in the Global Age

MCCOMBS SCHOOL OF BUSINESS

- Valuation
- Petroleum Accounting
- Corporate Finance
- Global Management
- Energy Finance

Affiliated Graduate Programs at The University of Texas at Austin

- Jackson School of Geosciences
- McCombs School of Business
- LBJ School of Public Affairs
- Cockrell School of Engineering
- Texas Law

Below: EER students studying the exposed Permian reef in the Guadalupe Mountains, West Texas, April 2016



Learn More & Apply

All students apply to EER through the standard online application process for The University of Texas at Austin:

www.utexas.edu/ogs/admissions

Dual-degree applicants must meet admissions requirements and deadlines for both programs in the dual degree. Applications must be complete by December 1 for EER priority fall admissions.

For complete instructions and links to affiliated graduate programs, visit our website at:

www.jsg.utexas.edu/eeer

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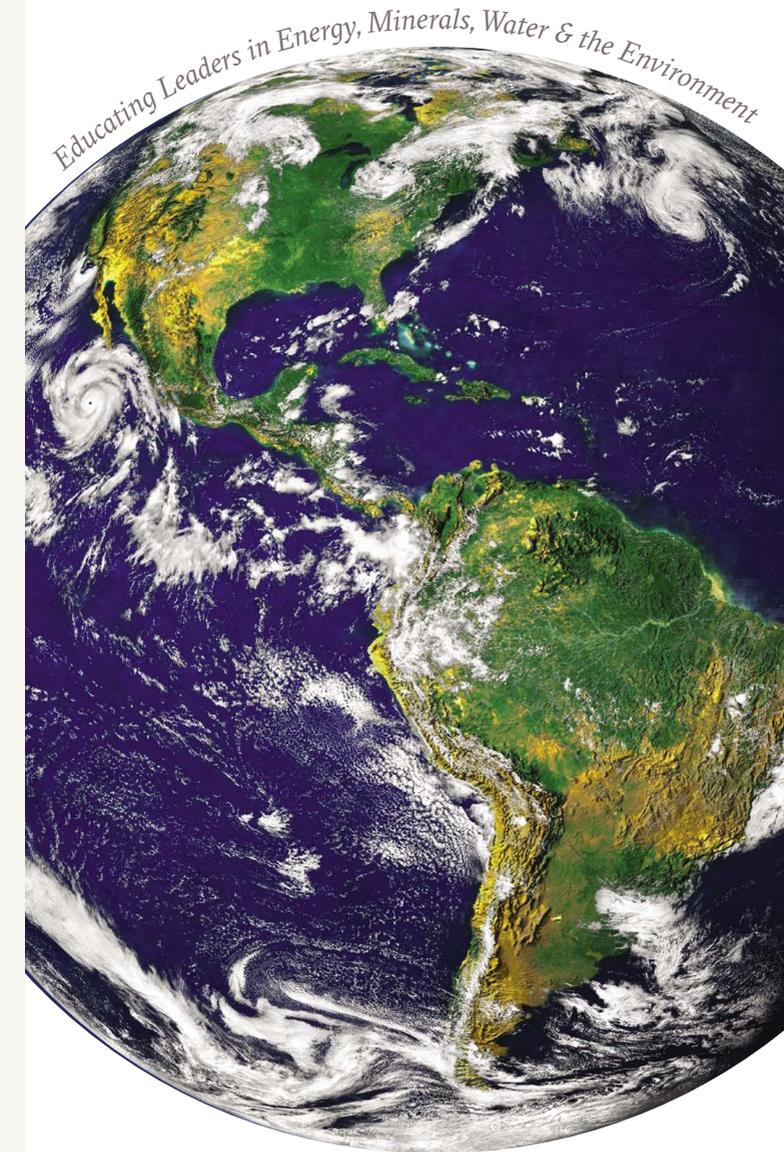
web www.jsg.utexas.edu/eeer

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 UTJSG

 JSGUTAUSTIN

Energy & Earth Resources Graduate Program





Welcome

I am pleased that you are considering applying to the Energy and Earth Resources (EER) Graduate Program. History has shown that we have an almost insatiable demand for energy and earth resources, including minerals and water as they are fundamental to the basic needs and growing prosperity of the global population. “Revolutionary,” “exponential,” and

“unprecedented” are apt descriptions of the pace of change in the energy and earth resources arena.

This rapid increase in demand is happening amidst growing concern about the sustainability of our behavior and its impact on our climate and environment. Society is becoming more aware of the challenges we face and beginning to question unbridled growth while also demanding greater accountability from governments and private enterprise. Concurrently, rapidly evolving technologies are providing opportunities that could accommodate a cleaner and more energy and resource-efficient future.

The prudent management of energy and earth resources requires multidisciplinary consideration of science, engineering, economics, and policy to discover the big ideas and innovations at the interfaces of these fields of study. That is precisely the mission of EER. You will be able to leverage very highly ranked graduate programs at the University in the geosciences, engineering, business, public policy, and law to prepare yourself for 21st century careers in energy, minerals, water, and environmental analysis.

Thank you for your interest. I hope you read further, and better yet, plan a visit to help determine if the Energy and Earth Resources program can further your personal goals and ambitions.

Dr. Fred Beach
Director

About EER

The Energy and Earth Resources Graduate Program provides the opportunity for students to pursue interdisciplinary studies in areas of geosciences, engineering, management, finance, economics, law and policy.

Most students entering the EER program intend to significantly advance their careers in the business, finance, planning or management of resources. Many come with several years of work experience which has given them additional insight regarding their objectives. The EER experience provides skills that foster growth and future success.

The course of study is both multidisciplinary and flexible. Graduates may concentrate their interests in fields such as energy economics, decision and risk analysis, policy and regulatory frameworks, strategic planning or technical issues involving the environment, water, oil and gas production and renewable energy. The exceptionally diverse EER student body and the global nature of the related industries result in graduates launching their careers all over the world.

Below: EER students and their MBA colleagues from the McCombs School of Business on a spring break Global Management trip to China in 2016



Careers & Opportunities

EER alumni can indeed be found across the globe—Brazil, China, Colombia, Egypt, Indonesia, Mexico, England, Spain, Switzerland, Japan, Thailand, Saudi Arabia, South Korea, Germany, Australia—working in multinational petroleum companies, consulting firms, mining and exploration firms, research institutes, utilities, environmental groups, and in all levels of government agencies.

For over thirty years, our graduates have accepted opportunities with companies including AECOM, Anadarko, BP, Calpine, Chevron, CNH, PEMEX, ConocoPhillips, GDF Suez, IHS, Korea Gas Corporation, KPMG, NRG Energy, Petrobras, Shell, Total, Schlumberger, Wood Mackenzie, World Bank, and US agencies including EPA, Department of Energy, and NREL to name a few. The diversity in employment is entirely consistent with the broad and multidisciplinary preparation EER students receive in Austin.

With close proximity to Houston, San Antonio, and Dallas, EER students find professional conferences and workshops related to energy and environmental issues at their doorsteps. Professional development and networking is part of the EER experience. Students participate in AGU, AAPG, and USAEE conferences with the guidance of leading faculty members.

From Our Alumni

“Everybody knows that the University of Texas is at the forefront of energy. But it wasn’t until I got to Austin that I realized the breadth of experiences possible. If you’re interested in energy finance, policy, modeling or more—this is the place to be.”

*Ben Sigrin
Class of 2012*

National Renewable Energy Laboratory

“I had a keen interest in the field and the EER program gave me flexibility in my studies. I enjoyed being an ambassador for women in my country and interacting with people from different cultures.”

*Umul Awan
Class of 2014*

Pakistan Energy, World Bank

“Working with Dr. Fisher was one of the best experiences I had in the EER program. I was able to supplement my geology background with environmental and business classes.”

*Stevenson Bunn
Class of 2015*

Apache Corporation

“The interdisciplinary focus of the EER program has been the key to my successful contribution to projects, both in the oil and gas industry and in the power sector. The skills and knowledge that I got at EER also prepared me to perform analysis that contributed positively to the recent the Mexican Energy Reform.”

*Gilberto Calderon Montiel
Class of 2009*

Advisor, Federal Electricity Commission (CFE), Mexico