RICE NATURAL SCIENCES
Professional Science Master's Program

>99%
JOB PLACEMENT RATE
WITHIN 6 MONTHS
OF GRADUATION

MASTER OF SCIENCE IN
ENERGY GEOSCIENCE

The M.S. in Energy Geoscience is geared towards students seeking proficiency in applying geological knowledge, geophysical methods, and energy data management and analytics to tackle industry challenges, the Energy Geoscience program features a core curriculum emphasizing geophysics, geology, seismic data interpretation, and data management and analytics. With four focus areas available, students can specialize in oil and gas exploration, enhance energy-related data management skills, or adapt to the changing energy landscape. The program integrates technical coursework with management and policy studies, communication skills training, and practical experience through an industrial internship or work placement. Elective courses offer further customization according to students' interests and career goals

PROGRAM HIGHLIGHTS

- 3-semester industry-oriented master's program
- Cutting-edge curriculum led by expert faculty
- Required 3 to 6-month internship
- Individualized job placement consulting
- Access to Rice Business School courses
- Mentorship from Industry Board of Affiliates
- Weekly seminars hosted by industry experts
- Flexible enrollment: full-time or part-time
- Situated in Houston, Texas, renowned as the "energy capital of the world"

FOCUS AREAS

- Geology
- Geophysics
- Energy Data Management
- Energy Transition and Sustainability

COURSES INCLUDE

- 3-D Seismic Reflection Data Interpretation
- Applied Subsurface Systems: Analytical Methods for Energy & Sustainability
- Data Management and Governance
- Well Logging and Petrophysics
- Hydrocarbon Exploration
- Geomechanics

APPLICATION DEADLINES
FEBRUARY 15 (FALL) • OCTOBER 15 (SPRING)

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