



## PRESS RELEASE

### **Rice University's Wiess School of Natural Sciences opens new Energy Data Management Focus within the M.S. in Subsurface Geoscience**

Rice University's Department of Earth, Environmental and Planetary Sciences has opened enrollment for Fall 2018 or Spring 2019 in their graduate program in Subsurface Geoscience offering a new and unique track in **Energy Data Management**, in addition to existing tracks in Geology and Geophysics.

Rice faculty have collaborated with leading Houston oil and gas companies to develop this new focus area that promotes the modern understanding of exploration and production as a data-driven business, emphasizes the importance of the curation and exploitation of data within the upstream oil and gas industry, and provides a graduate study opportunity for students to become data-enabled geoscientists to match current demands in the industry.

#### **Course Work Overview:**

Four core courses establish a strong foundation in geophysical, geological and reservoir engineering knowledge and methods, and are complemented with three data management and science courses providing the core skills expected of a data-enabled geoscientist, including the fundamental principles of energy data management and data governance. This foundation is then used to build capability in the tools and methods for data science and subsurface modeling in the energy industry, and their underpinning information technology and data management requirements.

#### **Electives and Practical Work Experience/Capstone Project:**

To round out their education, students will take up to 5 elective courses in their interest area. Among a wide range of available topics are management and business, business ethics, project management, policy and business writing. The program also requires practical work experience through an internship and/or capstone project with companies in the oil and gas industry.

The Subsurface Geoscience degree features a fully integrated design and is available as part-time (over 2 ½ to 3 years) or full-time study (21 months).

For information about the program, please contact [profms@rice.edu](mailto:profms@rice.edu) or visit our web site at [www.profms.rice.edu](http://www.profms.rice.edu)