

EARTH AND MINERAL SCIENCES

Departments and Schools

John and Willie Leone Family Department of Energy and Mineral Engineering

The John and Willie Leone Family Department of Energy and Mineral Engineering offers programs addressing topics such as the effective production, conversion, use, and management of energy. Instruction in theory, applications, and project design is augmented by hands-on training, problem-based learning, and interactive classes with individual attention.

MORE INFORMATION ABOUT THE JOHN AND WILLIE LEONE FAMILY DEPARTMENT OF ENERGY AND MINERAL ENGINEERING (<https://www.eme.psu.edu>)

Department of Geography

The Department of Geography offers a comprehensive academic program that includes bachelor's degrees, minors, and certificates. Programs are designed to educate and inspire students to become critical and committed citizens who contribute to solutions for our planet.

MORE INFORMATION ABOUT THE DEPARTMENT OF GEOGRAPHY (<https://www.geog.psu.edu>)

Department of Geosciences

The Department of Geosciences offers an academic program that include bachelor's degrees, minors, and certificates designed to provide students with an integrated, interdisciplinary study of the whole Earth, afford them with the skills and knowledge needed to solve real-world problems, and prepare them for careers at the forefront of geosciences.

MORE INFORMATION ABOUT THE DEPARTMENT OF GEOSCIENCES (<https://www.geosc.psu.edu>)

Department of Materials Science and Engineering

The Department of Materials Science and Engineering offers an academic program that provides students with a broad understanding of materials as well as the fundamental techniques of science and engineering used in the discipline, and a flexible curriculum that allows students to tailor their degree to their particular interests.

MORE INFORMATION ABOUT THE DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING (<https://www.matse.psu.edu>)

Department of Meteorology and Atmospheric Science

The Department of Meteorology and Atmospheric Science offers a program that explores the significance of weather and climate as it relates to the environmental, energy, agricultural, oceanic, and hydrological sciences. Students study topics ranging from severe weather to numerical weather prediction to climate change to weather risk to air pollution.

MORE INFORMATION ABOUT THE DEPARTMENT OF METEOROLOGY AND ATMOSPHERIC SCIENCE (<http://www.met.psu.edu>)