About the College of Geosciences

Geoscientists are leaders in providing solutions to pressing societal problems, including securing a reliable and affordable energy future, optimizing the use of our natural resources, predicting natural hazards and identifying mitigating actions that will allow communities to prosper in times of adversity, expanding our knowledge of Earth and planetary systems for the benefit of future generations, and educating a geoscience workforce who will become future leaders.

The geosciences are an allied group of interdisciplinary sciences focused on understanding the earth system. We combine the insights from all fundamental science, mathematics, engineering and technology fields to understand the history, structure, resources and evolution of our home planet. The geosciences are integral to meeting society’s demands for natural resources, environmental quality, and safety in the face of natural hazards. We are therefore also closely intertwined with the economic, political and social well-being of human societies. The geosciences lead the way in providing the scientific solutions to the challenges that characterize the 21st century.

The College of Geosciences at Texas A&M University offers graduate and professional programs designed to give graduates the skills and abilities necessary to make a contribution to this mission. We seek qualified applicants from all scientific and engineering backgrounds, willing and able to join us in interdisciplinary research that crosses departmental and disciplinary boundaries. As a college devoted to these cross-disciplinary studies, we provide a unique environment to learn and apply new skills and insights, and conduct cutting edge research. Most graduate degree programs are focused on research at the Masters and Doctoral levels, but we have an increasing number of professional Masters programs designed for graduates looking for careers in industry and agencies rather than careers in fundamental research.

Interdepartmental Programs

These programs housed primarily within the College of Geosciences cross departmental boundaries and in many cases involve coursework from other colleges at Texas A&M.

Departments

• Department of Atmospheric Sciences (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/geosciences/atmospheric-sciences)