



EARTH AND ATMOSPHERIC SCIENCES (PHD)

On December 5, the University of Nebraska Board of Regents voted to eliminate this program. If you are currently a student in this program, watch for email information about the degree completion pathway. If you are interested in this program, we welcome your application to another graduate program (<https://graduate.unl.edu/academics/programs/>).

Researchers in the Department of Earth and Atmospheric Sciences examine a wide variety of issues relevant to Earth systems and Earth system history.

Description

The primary emphasis is on Earth's atmospheric and hydrological systems and the interaction of these systems with the sedimentary cycle.

Recent graduates have performed research in physical and chemical hydrogeology, hydrogeologic modeling, surficial processes, geomorphology, sedimentology, vertebrate paleontology, micropaleontology, geochemistry, petrology, structure and tectonics, climate change, land/surface atmosphere interactions, physical climatology and meteorology, severe storms, snow and ice studies, surface energy balance modeling, and synoptic meteorology.

Departmental researchers have obtained large grants supporting multidisciplinary research efforts in areas as disparate as Antarctica and the Nebraska Sand Hills. They encourage collaborative work with the University of Nebraska State Museum, the Center for Advanced Land Management and Information Technologies, the School of Natural Resources, and other related University of Nebraska-Lincoln departments.

Recent graduates are employed as faculty by research universities and liberal arts colleges, and as weather forecasters, petroleum geologists, consulting geologists and scientific staff by various governmental agencies.

Specializations

- Environmental Studies
- Geology
- Geoscience Education
- Great Plains Studies
- Hydrogeology
- Meteorology/Climatology

Program-Related Information

Graduate Chair

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Program Website

<https://eas.unl.edu/graduate> (<https://eas.unl.edu/graduate/>)

Applying for Admission

This program is no longer accepting applications.

Requirements

Hours required: 90