

DEPARTMENT OF EARTH AND ATMOSPHERIC SCIENCES

Leadership

Charles E. Graves, Ph.D.

Department Chair

Linda Warren, Ph.D.

Graduate Program Coordinator Geoscience

Graduate Program Coordinator Meteorology

Vasit Sagan, Ph.D.

Graduate Program Coordinator Geographic Information Science

John Encarnacion, Ph.D.

Undergraduate Program Coordinator

Overview

Saint Louis University's Department of Earth and Atmospheric Sciences offers a range of undergraduate and graduate programs in environmental science, environmental studies, geology, geophysics and meteorology.

The department has a tradition of combining strong classroom and field-based instruction with internationally recognized research across a broad spectrum of the physical sciences, including seismology and solid earth geophysics, tectonics, synoptic meteorology, environmental systems and the study of modern and ancient climate change.

Programs

Undergraduate

- Environmental Science, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/environmental-science-bs/>)
- Environmental Science, Minor (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/environmental-science-minor/>)
- Environmental Studies, B.A. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/environmental-studies-ba/>)
- Geographic Information Systems, Certificate (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/geographic-information-systems-certificate/>)
- Geoinformatics and Geospatial Analytics, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/geoinformatics-geospatial-analytics-bs/>)
- Meteorology, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/meteorology-bs/>)
- Meteorology, Minor (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/meteorology-minor/>)

Graduate

- Geographic Information Science, M.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/geographic-information-science-ms/>)
- Geographic Information Science, Post-Baccalaureate Certificate (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/geographic-information-science-post-baccalaureate-certificate/>)

- Geoinformatics and Geospatial Analytics, Ph.D. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/geoinformatics-geospatial-analytics-phd/>)
- Geoscience, M.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/geoscience-ms/>)
- Geoscience, Ph.D. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/geoscience-phd/>)
- Meteorology, M.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/meteorology-ms/>)
- Meteorology, Ph.D. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-atmospheric-sciences/meteorology-phd/>)

Faculty

Karl Chauff, Ph.D.

David Crossley, Ph.D.

William Dannevik, Ph.D.

John Encarnacion, Ph.D.

Cathy Finley, Ph.D.

Jack Fishman, Ph.D.

Benjamin de Foy, Ph.D.

Charles Graves, Ph.D.

Daniel Hanes, Ph.D.

Elizabeth Hasenmueller, Ph.D.

Robert Herrmann, Ph.D.

Zitao Pan, Ph.D.

Robert Pasken, Ph.D.

Linda Warren, Ph.D.

Valorie Wilmoth, Ph.D.

Lupei Zhu, Ph.D.