



Department of Climate, Meteorology & Atmospheric Sciences

SCHOOL OF EARTH, SOCIETY & ENVIRONMENT

Weather and Climate Risk and Data Analytics Program Course Offerings Schedule Fall 2025 through Spring 2027

(Note that courses offered are subject to change based upon enrollment and other factors)

**The Graduate Capstone Project course (ATMS 596) is required for those in the Master's Program. When a student is ready to begin the capstone project, registration for this course is handled in direct consultation with the student's assigned faculty adviser.

NOTE Some courses may not be recommended for certificate students; please consult an adviser.

Fall 2025

- ATMS 517 Data Science for the Geosciences
- ATMS 520 Weather and Climate Phenomena and Hazards
- ATMS 523 Weather and Climate Data Analytics (ATMS 517 is prerequisite)
- GGIS 407 Foundations of CyberGIS & Geospatial Data Science (offered in 1st 8 weeks)

Spring 2026

- ATMS 517 Data Science for the Geosciences
- ATMS 526 Risk Analysis in the Geosciences
- GGIS 407 Foundations of CyberGIS & Geospatial Data Science

Summer 2026

- ATMS 526 Risk Analysis in the Geosciences
- GGIS 407 Foundations of CyberGIS & Geospatial Data Science

Fall 2026

- ATMS 517 Data Science for the Geosciences
- ATMS 520 Weather and Climate Phenomena and Hazards
- GGIS 407 Foundations of CyberGIS & Geospatial Data Science
- **new potential numerical weather prediction course may be added (517, 520 would be prerequisites)

Spring 2027

- ATMS 517 Data Science for the Geosciences
- ATMS 521 Climate Analysis, Variability & Prediction (ATMS 517 and ATMS 520 are prerequisites)
- ATMS 526 Risk Analysis in the Geosciences
- GGIS 407 Foundations of CyberGIS & Geospatial Data Science