



UNIVERSITY OF CENTRAL FLORIDA

# UCF SUMMER INSTITUTE 2024

## Geo Explorer

July 15-19

UCF Main Campus

9:00 AM - 4:00 PM

The Geo Explorer Summer Institute is a one-week program for rising 6th and 7th graders interested in learning and applying new science technologies focused on geography, mapping, geospatial, virtual reality, augmented reality, and drone technologies through lab and fieldwork experiences at UCF.

### WHAT WILL I BE DOING?

Students will engage in active learning connecting interactive lecture discussions, hands-on geospatial technology labs, collaborative research planning discussions, science communication discussions, personal and direct mentoring with a diverse group of UCF undergraduate and graduate students, and fieldwork on the UCF main campus. Students will also experience the GeoBus at UCF.

### TOPICS COVERED:

Mapping and geospatial technologies • Campus mapping fieldwork • Drone technologies • Virtual and augmented reality • GPS technologies • Visits to the nation's first GeoBus



**For More Information and to Apply**  
[siucf.cs.ucf.edu](http://siucf.cs.ucf.edu)

**Early applications are due April 12 and must include the online application and teacher recommendation.**