Unmanned Aerial Systems (Drones) are easy to use, inexpensive, and are revolutionizing spatial data collection and geographic analysis, with new technologies shaping the future of mapping, flight path planning, field operations, image analysis, 3-D model construction, and more.

The University of Vermont is pleased to offer a rigorous 3-day course on the use of drones for geospatial analysis, providing participants with an immersive introduction to the field, with both classroom and field site components designed to teach students both how to operate drones to collect data and how to turn drone photos into information that can be used for a variety of applications.

OVERVIEW

Participants will gain an understanding of:

- Drone Safety and Uses
- Flight Operations
- Flight Planning
- Fixed-wing and Quadcopter Platforms
- Applicable software for data collection, processing, and analysis

SNAPSHOT

- **Dates**: August 6-8th, 2018
- **Cost**: $900
- **Duration**: 3 days, 8:30AM-4:30PM, with an hour lunch and smaller breaks
- **Where**: UVM Campus, Aiken Teaching Lab, Room 101 and field site locations for drone flights
- **Accreditation**: No
- **Housing**: No

CURRICULUM

UVM’s Unmanned Aircraft System (UAS)/Drone Workshop is comprised of both classroom and field site components, with participants logging in 18 total training hours. After completion of the program, participants will understand how they can employ drones to collect data and gain working knowledge of the technologies required to turn that data into usable information for geospatial analysis.

More Information

- For more information please visit: [https://learn.uvm.edu/program/drone-mapping/](https://learn.uvm.edu/program/drone-mapping/)