

Introduction to Geographic Information Systems

Online

Geographic Information Systems (GIS) is an exciting set of technology tools used in almost every field imaginable. Knowledge of GIS and experience with spatial analysis will enhance your resume and allow you to analyze and manage your data more effectively than ever before. Gain an overview of GIS in this hands-on workshop. Learn about terms and concepts, available systems, data sources and design and policy decisions that must be addressed prior to implementation of a GIS project. By combining lectures and hands-on experience working with ArcGIS, this course will provide you with a basic working knowledge of GIS and a concrete sense of the planning and design work involved in using GIS.

Academic Units

2

Section Number

252GIS101

Instruction Method

Online class

Association Credits

American Planning Assoc (AICP)

20.00

Section Notes

Access to your course in Canvas will be available 7 days before the course start date.

Enrollment Policies

Drop requests (withdraw with a refund) will be approved, less a \$30 processing fee, if the request is received 7 calendar days before the course begins. [Click here](#) to view complete enrollment policy information including details on withdrawals and transfers.

Refund Deadline: 9/15/2025. Refunds and/or enrollment transfers will not be approved after this date.

Technical Requirements

To ensure your success in this course, please review our technical requirements page at [online learning](#).



Discounts

Info Session Discount

Attendees of UC Davis Continuing and Professional Education Information Sessions may be eligible for \$100 discount on a class by entering the Coupon Code provided at the Information Session. Contact UC Davis Continuing and Professional Education Student Services office, at (800) 752-0881, if you have questions about this discount.

Schedule



Oct 6th, 2025 to Oct 10th, 2025, 12:00am to 12:00am

Tues., Oct 7th, 2025, 3:00pm to 5:00pm

Wed., Oct 8th, 2025, 3:00pm to 5:00pm

Thur., Oct 9th, 2025, 3:00pm to 5:00pm

Instructors



Summer Roberts

Summer Roberts is a GIS Analyst for Jackson Family Wines as well as an instructor for UC Davis Continuing and Professional Education. Roberts obtained her B.S. in Geography/GIS from Cal Poly Pomona and her M.S. in GIS from California State University, Long Beach. She is also a certified Part FAA107 Remote Pilot. Roberts has years of experience utilizing satellite and small unmanned aerial vehicle (sUAV) imagery for remote sensing analysis used in precision agriculture, vegetation management with fire preparedness, and restoration. She also has extensive experience with photogrammetry, facilities management and documentation, fire defensible maps and field data collection using the latest geospatial technologies.

