

# GEODATA FIELD METHODS SPRING 2017

YOU ARE INVITED TO REGISTER FOR  
GEOG 3170/5170:

*“Satellites, lasers, and compasses: Field methods for Geographic Data”*

- This course provides instruction on **how to conduct fieldwork related to surveying and the collection of geospatial information**. We cover all phases of the data collection process, including project design, planning and logistics, hands-on practice with various instruments, post-processing of data, assessing output quality, and synthesizing results for presentations or reports. Students will become sufficiently familiar with the planning and methods involved that they could tackle future projects independently, with an understanding of both the technical skills and methodological concerns related to your projects.
- We will spend a significant amount of time learning about global positioning systems (GPS) and the general use of satellites for measurements and navigation (GNSS, Global Navigation Satellite Systems), but we will also have field practice with other instruments useful for collecting geospatial data, such as total stations, compasses, and a range of other tools.
- The majority of our class sessions will be held outside the classroom- at various locations around campus and on several field trips.
- Details:
  - 3 credit course, meets Thursday afternoons
  - No prerequisites (except willingness to work outdoors in inclement weather and a good attitude!). This course will benefit from having students with varied backgrounds and skills.
- Questions?
  - contact the instructor, Jordan Clayton ([jclaytonUU@gmail.com](mailto:jclaytonUU@gmail.com))
  - or ask the U of U Geography Department ([www.geog.utah.edu](http://www.geog.utah.edu))

