

GEOGRAPHY (GEOG) 403/704
REMOTE SENSING: Environmental and Land Use Analysis
Spring 2022 (U or G, 4 credits)

Lecture: Tuesday and Thursday 11:00 a.m.-12:15 p.m. (BOL 281)
Lab: EITHER W, 2:00-3:50 p.m. or R at 2:00-3:50 p.m. (BOL 262 or MIT 353)
Instructor: Prof. Mark D. Schwartz, Ph.D. (BOL 490, 229-3740, mds@uwm.edu)

This course is designed to explore basic applications of remotely sensed data in the evaluation of geographical problems. Material regarding the theories and principles of remote sensing, types of sensors, and analysis of remote sensing data will be addressed, along with specific applications to atmospheric, geophysical, biological, and cultural patterns. In addition, the student will become familiar with image processing functions of the TerrSet/IDRISI software and be introduced to ERDAS IMAGINE (advanced image processing software). Geography 403 is an ideal skills course for students in a variety of disciplines. More information at <https://people.uwm.edu/mds/geography-403/>

Golden Gate, CA general land cover types

