

REMOTE SENSING CERTIFICATE, UNDERGRADUATE

In the Remote Sensing Certificate program, students study how technological platforms can be used to analyze the Earth's surfaces. The Drone Research Center has several DJI drones to use for aerial imaging, thermal imaging, and multispectral mapping.

Required Courses

GEOS 321	GEOGRAPHIC INFORMATION SYSTEMS I: SPATIAL ANALYSIS FOR SOCIAL SCIENCES	5
GEOS 329	REMOTE SENSING WITH SATELLITE IMAGERY	5
GEOS 333	REMOTE SENSING WITH LIDAR	5
GEOS 335	REMOTE SENSING WITH DRONES	5

Elective—choose at least one 5

GEOS 332	LANDSCAPES OF THE PAST	
GEOS 420	DIGITAL GEOARCHAEOLOGY	
GEOS 428	GEOGRAPHIC INFORMATION SYSTEMS II	
GEOS 429	GEOGRAPHIC INFORMATION SYSTEMS III	
GEOS 449	ADVANCED SPATIAL ANALYSIS	
GEOS 458	DIGITAL CULTURAL RESOURCE MANAGEMENT	
GEOS 471	GIS PROGRAMMING	
GEOS 493	GIS PORTFOLIO	

Total Credits 25