

# Unmanned Aerial Systems Certificate

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## Unmanned Aerial Systems Certificate

### Required

GEOG 2320	Drones for Mapping and Communication	3
or GEOG 6286 (Studies in: Drones for Mapping and Communication)		
GEOG 4370/5370	Remote Sensing of the Environment	3
GEOG 4385/5385	Advanced Unmanned Aerial Systems Mapping	3

### Electives (select two of the following) 6-7

GEOG 4310/5310	GIS Applications: (Variable Topic)*	
GEOG 4350/5350	Global Positioning System Field Survey Methods	
GEOG 4380/5380	From Drones to Satellites: Next-Generation Mapping Using Imagery	
GEOG 4390/5390	GIS Programming*	
ANTH 3450	Archaeological Fieldwork*	
EARTHSCI 3345/5345	Environmental Geology*	
BIOL 4168/5168	Ecology*	

**Total Hours** 15-16

\* These courses have prerequisites as follows:

GEOG 4310/5310 has prerequisites GEOG 2410 and junior standing.

GEOG 4390/5390 has prerequisites GEOG 2410 and GEOG 4310/5310 or GEOG 4320/5320 or consent of instructor.

ANTH 3450 has prerequisite ANTH 1001.

EARTHSCI 3345/5345 has prerequisites EARTHSCI 1300 or equivalent and junior standing.

BIOL 4168/5168 has prerequisites BIOL 3100 and BIOL 3140 and junior standing.

## Related Programs

- Earth Science B.A.
- Geography B.A.