

## GEOGRAPHY

### Drone Technology and Applications Certificate

*This 16 credit-hour certificate program provides students with the skills and knowledge necessary to effectively use drones (Small Uncrewed Aerial Systems, sUAS) in variety of business and public sector domains working as pilots, drone image specialists, or remote sensing technicians. Drone technology is used in diverse fields including agriculture, ecological monitoring, cinematography, environmental management, insurance, mapping and surveying, military operations, mining, photography, public safety, real estate, search and rescue, and structural inspections.*

F = Fall only course S = Spring only course U = Summer only course

**Required:**

Number	Course Title	Credits
ART 250	Introduction to Photographic Art .....	3
ART 251	Intermediate Photographic Art or	
GEG 150	Introduction to Geospatial Technologies .....	3
GEG 160	Drone Pilot Ground School .....	1
GEG 161	Mastering Drone Flight: Essential Skills and Techniques .....	3
GEG 162	Drone Data Acquisition and Analysis <b>(F)</b> .....	3

**Electives: Select three credit hours from the following courses**

Number	Course Title	Credits
GEG 250	Introduction to Remote Sensing <b>(F)</b> .....	3
MCM 210	Video Editing and Video Post-Production .....	3
MCM 212	Multi-Camera Production .....	3