

sUAS Applications in Geospatial Technology Certificate (6803)

The sUAS Applications in Geospatial Technology certificate is designed to prepare students for career in the geospatial field. The certificate includes the geospatial core requirements of the Associate of Applied Science (AAS) major and the Geospatial Technologies certificate, plus courses covering sUAS regulations, operations, flight planning, data collection, and FAA Part 107 requirements. Students may earn the certificate in addition to the AAS degree, and this certificate is especially designed for students who want to earn technical skills in addition to their existing career or degree program.

Students must meet specific admission requirements for this program and are advised to meet with a counselor or the program director.

All prerequisite courses or their equivalent must be completed prior to acceptance in the sUAS Applications in Geospatial Technology certificate program. Provisional admission may be granted to students currently enrolled in the below courses as long as all courses are completed before enrollment in first semester courses.

GEOG 1700 Map Design and Interpretation has a prerequisite of ITIS 1005 Computer Essentials (can be taken concurrently or permission of instructor or department chair. GEOG 2700 Geographic Information Science, GEOG 2730 Remote Sensing, and GEOG 2740 sUAS Flight and Planning have prerequisites.

NOTE: Coursework in this certificate includes prerequisites that are not included in the certificate. Students with equivalent courses, knowledge, and experience may request to have the prerequisites waived prior to program admission. Students who do not have the prerequisite and do not have equivalent courses, knowledge, and experience will need to take additional courses.

Course	Title	Credit Hours
First Semester		
GEOG 1700	Map Design and Interpretation	3
GEOG 1740	Introduction to sUAS	3
Credit Hours		6
Second Semester		
GEOG 2700	Geographic Information Science	3
GEOG 2740	sUAS Flight and Planning	3
Credit Hours		6
Third Semester		
GEOG 2730	Remote Sensing	3
GEOG 2781	Internship and Seminar in sUAS Applications in Geospatial Technologies	2
Credit Hours		5
Total Credit Hours		17