

REMOTE AIRCRAFT BUSINESS (CERTIFICATE)

Department: Chemistry and Geology (https://snow.edu/academics/science_math/)

Program Contact: Ryan Thalman

Phone: (435) 893-2248

Email: ryan.thalman@snow.edu

Department Webpage: https://snow.edu/academics/science_math/

Advising Information (<https://snow.edu/offices/advisement/>)

Program Description

The Remote Aircraft Business certificate introduces students to careers in the rapidly growing drone and unmanned aerial systems industry. It equips students with the skills to manage and operate remote aircraft in commercial, agricultural, and industrial settings.

Program Outcomes

A student who completes a certificate in Remote Aircraft Business will be able to do the following.

- A knowledge of drone rules and regulations for commercial and recreational flight in the United States as well as prepare to take the Federal Aviation Administration licensing exam.
- An overview understanding of the broad applications of drones in a variety of fields.
- A more in depth understanding of a smaller selection of applications of drones of interest to the student.
- The ability to perform and plan drone maintenance
- The construction of a variety of UAS platforms.
- An introductory knowledge of GIS software and digital mapping.
- A working knowledge of small business management skills in order to start their own business.

Requirements

Certificate Requirements

Code	Title	Hours
Required Courses		
GEO 2845	Drone Operations and Safety Certification	1
Choose one option		3
GEO 2846 & BUS 1600	Drone Applications and Entrepreneurship Seminars	
AGTM 2600	Drones in Agriculture and Associated Computer Applications	
GEO 1950	Drone Maintenance and Construction	3
GEO 1700	Fundamentals of GPS and GIS Navigation	3-4
or GEO 1800	Interdisciplinary Introduction to GIS	
or GEO 2800	Intermediate Geographic Information Systems	
BUS 2222	Entrepreneurship	3
or BUS 2650	Management Principles for Entrepreneurs	

Elective Business Course

Select one of the following:		3
BUS 1010	Introduction to Business	
BUS 1020	Computer Technology and Applications	
BUS 1060	QuickBooks for Small Business	
BUS 1210	Personal & Consumer Finance SS	
BUS 1300	Social Media Marketing	
BUS 1270	Strategic Selling	
BUS 1110	Digital Media Tools	
BUS 1510	Photoshop	
BUS 2200	Business Communication	
BUS 2450	Presentations for Business	
Total Hours		16-17