

UNMANNED AERIAL SYSTEMS

Explore More About This Program: <https://cwi.edu/program/unmanned-aerial-systems>

Program Description

The Unmanned Aerial Systems (UAS) program trains individuals to work as professional in UAS operations. The UAS program is intended to prepare students for a fast growing industry with many civilian applications including agriculture, search and rescue, monitoring environment and wildlife, border security, fire mapping, surveying structures after natural disasters, real estate photography, education, and police surveillance. Students enrolled in this program will learn how to operate both commercially fixed wing and multi-rotor UAS; therefore, students will be required to obtain their Federal Aviation Administration (FAA) Commercial Remote Pilot license. Emphasis will be placed on the student's ability to plan and implement UAS missions to capture data and digital imagery while taking into consideration mission security and the privacy of others. Students will also learn how to process UAS data and digital imagery using GIS, photogrammetry, and digital imagery editing software.

Note: Registrations for Unmanned Aerial Systems courses are restricted to students within the major.

Degrees and Certificates

- Unmanned Aerial Systems - Basic Technical Certificate (BTC)