

UNMANNED AIRCRAFT SYSTEMS (AS DEGREE S0661)

Technology and Health Division S0661

The Unmanned Aircraft System (UAS) program prepares students for careers in the rapidly growing area of unmanned aircraft systems, including piloting, mission planning, risk management, sensing operations, data collection and analysis, and other related skills. The Federal Aviation Administration (FAA) Part 107 remote pilot operator certification is not required for graduation but it is desirable for career advancement. Through course work, simulation, and flight training students may achieve the FAA remote pilot operator certificate simultaneously with the A.S. degree.

Required Courses

Course Prefix	Course Name	Units
AERO 98	Introduction to Aviation Careers	1.5
AERO 100	Primary Pilot Ground School	4
AERO 102	Aviation Weather	3
AERO 104	Federal Aviation Regulations	3
AERO 160	Unmanned Aircraft Systems Basic	4
AERO 200	Aviation Safety and Human Factors	3
AERO 210	Unmanned Aircraft Systems Advanced	4
PHOT 10	Basic Digital and Film Photography	3
PHOT 50	Drone Basic Still and Motion Camera Operator	3
Recommended Electives		
GEOG 10	Introduction to Geographic Information Systems	
PHOT 11B	Digital Capture Workflow	
Total Units		28.5

Guided Pathways of Study Suggested Course Sequence (<https://www.mtsac.edu/guided-pathways/pathway-results.html?pthwyvar=S0661&desc=Unmanned+Aircraft+Systems%2C+AS%2C+S0661>)