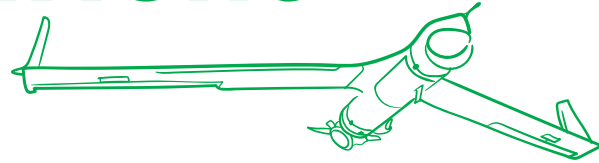




UAS OPERATIONS

BEST IN THE NATION UAS OPERATIONS PROGRAM



Be among the first generation of remotely piloted aircraft specialists with an education from the university that started it all.

The UAS program offers Major and Minor career tracks within UAS Operations:

- Advanced High-Altitude, autonomous commercial applications and operations (Med/Hi)
- Low Altitude UAS commercial applications and operations (Small/Low)
- UAS Minor - Non-aviation majors also have the opportunity to obtain a minor in UAS to use in their particular discipline

UAS Operations at UND

Adheres to NIST UAS Standards

FAA approved UAS-Collegiate Training Initiative (CTI) program

Meets UAS Aviation Accreditation Board International (AABI) Standards

Engaged in cutting-edge UAS research with industry

B.S. in Unmanned Aircraft System Operations

UAS have gone from military use to a wide variety of additional life-saving and commercial applications. With this unique UND program, you'll gain the expertise in large and small UAS platforms used for collection throughout the world including areas such as:

- Firefighting / Disaster relief
- Search and Rescue / Security Operations / Law enforcement
- Precision Agriculture
- Survey and Mapping
- Infrastructure and Asset Inspections
- Reconnaissance, Surveillance, and Intelligence
- Environmental Monitoring



UAS Aviation Courses

UND offers a variety of courses within the UAS Aviation major including:

- Autonomous Fundamentals
- Counter UAS Applications
- Experience in small, medium, and large UAS platforms
- Safety Management Systems / Safety Risk Management
- UAS Remote Sensing
- UAS Flight and Ground systems
- Human Factors
- Crew Resource Management
- Computer Programming
- Cyber-Security and Information Assurance

Flight Courses

Advanced High-Altitude, autonomous commercial applications and operations (Med/Hi):

- Obtain commercial certificate with instrument rating in fixed wing aircraft or commercial certificate with instrument rating in helicopter
- sUAS remote pilot certificate
- Practical experience in Boeing Insitu ScanEagle UAS aircraft and simulators
- Training in MALE/HALE UAS platforms using UAS simulators

Low Altitude UAS commercial applications and operations (Small/Low):

- Obtain single engine land private pilot certificate with instrument rating in fixed wing aircraft or private pilot certificate with instrument rating in helicopter
- sUAS remote pilot certificate
- Practical experience in Boeing Insitu ScanEagle UAS aircraft
- Advanced UAS commercial applications used in the industry



Visit the Program
Finder to learn more
about UAS Operations

UND.edu/academics



Schedule Your Visit

See UND Aerospace up close and ask all the questions you want! An in-person visit is a great way to see what awaits you at UND.



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