

B.S. in Uncrewed and Autonomous Systems

Students will:

- Apply the fundamentals of uncrewed systems, including the technological, economical, legal, social, political, and environmental aspects of uncrewed systems operations.
- Explain uncrewed systems elements, configurations, and operational criteria supporting different applications within various environments.
- Apply performance criteria to solve basic operational problems such as task oriented asset and payload selection.
- Demonstrate appropriate selection and application of research to support program objectives and solving of identified problems specific to their course subject matter.
- Investigate managerial aspects and how they apply to different uncrewed systems applications and administrative functions between various organizations.
- Examine task requirements under varying operational circumstances to identify solutions during mission planning and execution to support employment of the platform, its sensors, and/or its payload.
- Apply operational knowledge and skills towards the design, development, and validation of uncrewed and autonomous systems and applications.