The Master of Science in Aviation and Space emphasizes management, leadership, legal, and regulatory issues, finance, current issues, and content regarding the space industry and related government programs and missions. Students participating in this program come from a variety of backgrounds including aviation, military, and government. The scope of this degree program is designed to prepare professional leaders for positions in the aerospace industry.

MISSION STATEMENT
The mission of Aviation and Space Program has three essential components:
- Cultivate exemplary graduate instruction through a professional atmosphere in which students learn, develop, promote integrity, and contribute to the broader aviation community.
- Engage in applied aerospace research and scholarly initiatives that benefit industry, general aviation, government, and the public.
- Provide leadership, expertise, and professional development opportunities for aerospace professionals and the aerospace industry, and to promote a greater understanding of aerospace among the general public.

STUDENT LEARNING OUTCOMES
1. MS graduate students will be able to analyze and evaluate scholarly information covering a broad spectrum of aerospace topics and present their findings and conclusions in well-ordered written and oral presentations that accurately assesses the meaningfulness of each topical area.
2. MS graduate students will select a special area of interest in aerospace, thoroughly investigate the current research in this area, and produce a research study (creative component) that adds to the body of knowledge.

ADMISSION REQUIREMENTS
Submit a completed application, available from the Graduate College web site: http://gradcollege.okstate.edu/apply

The following items should be uploaded to the application:
- Transcripts from institutions from which a completed degree has been conferred
- Statement of personal goals and objectives
- Two letters of recommendation addressing the applicant’s abilities, interest, motivation, etc.
- Copy of recent resume

A minimum 3.0 GPA for undergraduate degree is required for unqualified admission. Students with grade point averages between 2.5 and 3.0 may be admitted on a probationary basis.
Application Deadline and Review Schedule*

- **July 1**: For enrollment in Fall Semester
- **November 1**: For enrollment in Spring Semester
- **April 1**: For enrollment in Summer Semester

Admission decisions are usually within six weeks of the application deadline. Admission decisions are based on appropriate academic, scholarly, and research alliance among the student, the faculty and the focus of the Master’s degree program. Available resources and current enrollment within the MS program will play a significant role in the admission decision. The AVED faculty will determine the number of graduate students that may be admitted at any given time.

**CURRICULUM**

Coursework must be completed from each of the following categories (minimum hours required in parentheses) for a total of 33 hours. Not all class work is available at each institutional site (OSU-Stillwater campus, the OSU-Tulsa campus, Oklahoma City facilities); therefore, this degree might have a combination of campus and/or distance learning delivery.

Master’s students must complete a Creative Component for committee approval. At least 21 hours must be completed at the graduate level (5000 or above). No Pass/Fail courses may be used. **The MS degree must be completed within seven years.** Course work older than 10 years will not be accepted. Upon approval, a student may transfer up to 9 graduate semester hours from accredited institutions that have not been applied toward a previous degree.

OSU awards credit as recommended by the American Council on Education (ACE), as published in “The Guide to the Evaluation of Military Experiences in the Armed Services,” for selected educational experiences provided by the armed forces. OSU also accepts credit earned through the DANTES Subject Standardized tests for active military personnel.

For further information, please contact the AVED Graduate Coordinator:

Dr. Timm Bliss, Associate Professor
318 Willard Hall (OSU-Stillwater)
timm.bliss@okstate.edu
(405) 744-8062
Master of Science in Aviation and Space

CORE REQUIREMENTS – 15 credit hours

AVED 5563 – Aerospace Leadership & Management
AVED 5663 – Issues in the Airline/Aerospace Industry
AVED 5773 – Historical Significance of Aviation
(Research Core)
AVED 5053 – Guided Readings in Research
AVED 5153 – Capstone in Aerospace Research

MAJOR EMPHASIS ELECTIVES – 18 credit hours

AVED 5103 – Aviation Career Development
AVED 5113 – Aviation Safety Program Development
AVED 5200 – Graduate Internship in Aviation & Space
AVED 5303 – Aviation and Space Quality Issues
AVED 5453 – Advanced Aviation Security
AVED 5543 – Advanced Communications in Aviation Organizations
AVED 5553 – Aerospace Proposal and Procurement
AVED 5573 – Aerospace Defense Acquisition
AVED 5593 – Influencing Public Policy in the Aerospace Industry
AVED 5673 – Aerospace Human Resource Management
AVED 5813 – Earth Observation Systems
AVED 5823 – Space Science
AVED 5873 – Aerospace Project and Program Management
AVED 5883 – Aviation Economics
AVED 5893 – Aerospace Executive Decision Making
AVED 5953 – Labor Relations in Aviation and Aerospace
AVED 5963 – Airport Operations
AVED 5973 – Aerospace Law
AVED 5993 – Ethics in Aviation