AVIATION, M.S.

Saint Louis University's Master of Science in Aviation is a fully online, rigorous program that prepares graduates for leadership roles within the aviation industry. A master's degree in aviation provides technical depth and specialization that can expand career opportunities and responsibilities. It can also prepare graduates for doctoral (Ph.D.) studies.

Program Highlights
- SLU's Master of Science in Aviation is well-suited for working professionals since 100% of the courses are taught online.
- Exceptional aeronautics undergraduate students committed to continuing their education through a master's program can reduce the time it takes to complete their bachelor's and master's degrees. SLU aeronautics undergraduates may apply for admission to the Master's in Aviation program and, if admitted, may be able to apply up to six credit hours of graduate coursework from their senior/fourth year toward the 30 hours required for the master's degree in aviation. See the Department of Aviation Science (https://catalog.slu.edu/colleges-schools/engineering-aviation-technology/aviation/aeronautics-bs/) for more information on this option.

Curriculum Overview
SLU's master's program in aviation consists of 30 credits of graduate-level work: a common core taught in a completely online format and a graduate-level internship experience. Each aviation M.S. student prepares a program of study that must be approved by their faculty advisor, the department chair and the associate dean for graduate education and research.

This program of study is developed within the context of the student's background and career goals, allowing students to customize their graduate program to suit their professional goals.

Careers
Possible career fields for Master of Science in Aviation graduates include flight training and education, aviation-related management and aviation safety. After graduating, alumni are qualified for management positions within the aviation industry.

Admission Requirements
Begin your application for this program at www.slu.edu/apply (http://www.slu.edu/apply.php).

Most admitted students meet the following criteria:
- Undergraduate GPA of at least 3.0
- A four-year undergraduate degree in aviation or a field related to the desired graduate program

Application Requirements
- Online application form and fee
- Official transcript(s) of all previous degrees
- Three letters of recommendation (preferably from recent instructors)
- A writing sample solely authored by the applicant that has been preferably composed within the last two to three years. The sample should relate to a contemporary issue affecting the aviation industry.

Submissions should be formatted using APA style, be between 2,000-3,000 words and include an abstract of fewer than 200 words.
- Curriculum vitae/résumé
- Professional goal statement

Requirements for International Students
All admission policies and requirements for domestic students apply to international students along with the following:
- Demonstration of English Language Proficiency
- Proof of financial support, including:
  - A letter of financial support from the person(s) or sponsoring agency funding the time at Saint Louis University
  - A letter from the sponsor's bank verifying that the funds are available and will be so for the duration of study at the University
- Academic records, in English translation, of students who have undertaken postsecondary studies outside the United States must include the courses taken and/or lectures attended, practical laboratory work, the maximum and minimum grades attainable, the grades earned or the results of all end-of-term examinations, and any honors or degrees received. WES and ECE transcripts are accepted.

Application and Assistantship Deadlines
The department only reviews applications for the fall semester. To be considered for enrollment, submit application materials by May 31.

Admitted students who want to be considered for an assistantship must submit a separate application for assistantship consideration by March 1.

Review Process
Once the online application is complete and all the materials are received, the application is reviewed by the School of Science and Engineering's Office of Graduate Education and Research before being sent to the Department of Aviation Science for a recommendation. The final decision is made by the college's associate dean for graduate education.

Admissions decisions are made based on the background and educational experience of students. Applications are reviewed when completed, and decisions are generally made within a few weeks.

Apply Now (http://www.slu.edu/apply.php)

Scholarships and Financial Aid
The School of Science and Engineering offers graduate fellowship awards and assistantships each year. Assistantships provide tuition, stipend and health insurance. There are also many opportunities for students to receive funding through external research grants that are managed by individual faculty.

For more information, visit the student financial services office online at http://finaid.slu.edu.

Learning Outcomes
1. Graduates will be able to assess relevant literature or scholarly contributions in the field(s) of study.
2. Graduates will be able to apply the major practices, theories, or research methodologies in the field(s) of study.
3. Graduates will be able to apply knowledge from the field(s) of study to address problems in broader contexts.
4. Graduates will be able to articulate arguments or explanations to both a disciplinary or professional audience and to a general audience, in both oral and written forms.
5. Graduates will be able to evidence of scholarly and/or professional integrity in the field of study.

Requirements
SLU’s M.S. in aviation requires a minimum of 30 credits of graduate coursework beyond a bachelor’s degree. The M.S. in aviation is a fully online, non-thesis, course-only degree.

Students are required to take a final comprehensive oral examination during their final academic term. Students who completed an undergraduate aeronautics degree from SLU may use up to 6 credits of graduate coursework (5000 level and above) to count towards both the B.S. and M.S. degrees.

Continuation Standards
Students must maintain a cumulative grade point average (GPA) of 3.00 in all graduate/professional courses.

Roadmap
Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>ASCI 5010</td>
<td>Introduction to Aviation Research Methods</td>
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<td>ASCI 5220</td>
<td>Aviation Safety Programs $^2$</td>
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<td>AA 5221</td>
<td>Applied Analytics &amp; Methods $^1$</td>
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Notes
• All coursework is offered online.
• The program is a 30-credit hour, course-only program.
• A comprehensive examination at the end of coursework is a graduation requirement.