AERONAUTICS, B.S. TO AVIATION, M.S. ACCELERATED PROGRAM

The Bachelor of Science in Aeronautics to the Master of Science in Aviation Accelerated Program allows well-qualified undergraduate students to get a head start on their graduate coursework their senior year, earning both degrees in an accelerated time frame. Students can double count up to 15 graduate credits for both their B.S. and their M.S. degrees; most students can fit up to 12 graduate credits that will count for both degrees.

For additional information, see the catalog entries for the following programs:

Aeronautics, B.S. (https://catalog.slu.edu/colleges-schools/science-engineering/aviation/aeronautics-bs/)

Aviation, M.S. (https://catalog.slu.edu/colleges-schools/science-engineering/aviation/aviation-ms/)

Requirements

Admission Requirements

To apply to the Accelerated BS-MS in Aviation program, undergraduate students in the Oliver L. Department of Aviation Science must have an overall cumulative GPA of 3.00 or higher after completing their fifth semester of study or 75 credit hours of coursework.

The application should be submitted in the spring semester of the junior year.

The application includes an online application form, official transcripts of all previous degrees, a writing sample, a curriculum vitae/resume, and a professional goal statement.

Program 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 who complete an undergraduate aeronautics degree from SLU may apply up to 15 credits of graduate coursework (5000 level and above) to count towards both the B.S. and M.S. degrees, but students typically take 12 credits. Courses included are below:

Aviation Management concentration

Undergraduate Program Requirement	Met by Graduate Course
ASCI 4250	ASCI 5230
ASCI 4050	ASCI 5040
ASCI 4650	ASCI 6020
ASCI 4450	ASCI 6010

Flight Science concentration

Undergraduate Program Requirement	Met by Graduate Course
ASCI 4050	ASCI 5040
ASCI 4250	ASCI 5230
ASCI 4450	ASCI 6010
3 credits of University Elective	ASCI 6070

Please note: the courses in the Master of Science in Aviation curriculum are taught in an entirely online format.

Non-Course Requirement

Students are required to take a final comprehensive oral examination during their final academic term. All students must also complete an exit survey with their department during their final semester.

Continuation Standards

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

Roadmap

This roadmap is just one example of a semester-by-semester plan of study for this program. There are other plans students can and do take. The plan of study for each particular student is established in consultation with each student's academic advisor; *this roadmap does not replace academic advising appointments.*

Roadmap notes:

- This Roadmap assumes full-time enrollment unless otherwise noted.
- Courses/Milestones marked with an "!" are critical and must be completed in the semester listed in the Roadmap to ensure a timely graduation.
- Course availability and sequencing are subject to change.

Aviation Management

Course	Title	Credits
Year Four		
Fall		
ASCI 5230	Prof Ethics and Standards	3
ASCI 6010	Federal & International Regs	3
ASCI 4915	Internship with Industry	3
MGT 3300	Management of Human Resources	3
ASCI 5040	Human Factors in Aviation Safety	3
	Credits	**15**
Spring		
CORE	Eloquentia Perfecta: Writing Intensive	3
CORE 2800	Eloquentia Perfecta 3: Creative Expression	3
ASCI 4350	Team Resource Management	3
ASCI 6020	Flight Op's Business & Admin	3
ASCI 4900	Senior Seminar	3
	Credits	**15**
Year Five		
Fall		
ASCI 5010	Introduction to Aviation Research Methods	3

ASCI 5210	Aviation Organization Theory and Management	3
ASCI 5220	Aviation Safety Programs	3
	Credits	**9**
Spring		
AA 5221	Applied Analytics & Methods I	3
ASCI 5030	Aviation Security Management	3
ASCI 6030	Aviation and Public Policy	3
	Credits	**9**
	Total Credits	**48**

Flight Science

Course	Title	Credits
Year Four		
Fall		
ASCI 5040	Human Factors in Aviation Safety	3
ASCI 4012	Introduction to Flight Crew Operations	3
ASCI 4013	Introduction to Flight Crew Operations Laboratory	1
ASCI 5230	Prof Ethics and Standards	3
ASCI 6010	Federal & International Regs	3
CORE	Equity and Global Identities: Identities in Context	3
	Credits	**16**
Spring		
CORE	Eloquentia Perfecta: Writing Intensive	3
CORE	Equity and Global Identities: Global Interdependence	3
ASCI 4022	Advanced Flight Crew Operations	3
ASCI 4023	Advanced Flight Crew Operations Laboratory	1
ASCI 4350	Team Resource Management	3
ASCI 6070	Aviation Training Methods	3
	Credits	**16**
Year Five		
Fall		
ASCI 5010	Introduction to Aviation Research Methods	3
ASCI 5210	Aviation Organization Theory and Management	3
ASCI 5220	Aviation Safety Programs	3
	Credits	**9**
Spring		
AA 5221	Applied Analytics & Methods I	3
ASCI 5030	Aviation Security Management	3
ASCI 6030	Aviation and Public Policy	3
	Credits	**9**
	Total Credits	**50**

Contact Us

For more information about this program, please email slu_sse@slu.edu.