



SAINT LOUIS
UNIVERSITY™

AEROSPACE ENGINEERING INTERNATIONAL YEAR ONE



WE'RE HONORED

#105 National University
(U.S. News & World Report 2025)

#46 Best Value Schools
(U.S. News & World Report 2025)

Saint Louis University's undergraduate major in aerospace engineering at Parks College of Engineering, Aviation and Technology prepares you for careers involving the research, design, development simulation, testing and integration of aeronautical and space systems.

PREPARE FOR A CAREER IN AEROSPACE ENGINEERING

Students also have access to state-of-the-art computer laboratories. You will use advanced software to practice aeronautical design, modeling, simulation and analysis. SLU's fluid, thermal, material, structural testing and space systems research lab equipment, along with its wind tunnels, including both supersonic and subsonic tunnels, provide you with an excellent opportunity to integrate theory with real-world applications.

REAL-WORLD EXPERIENCE

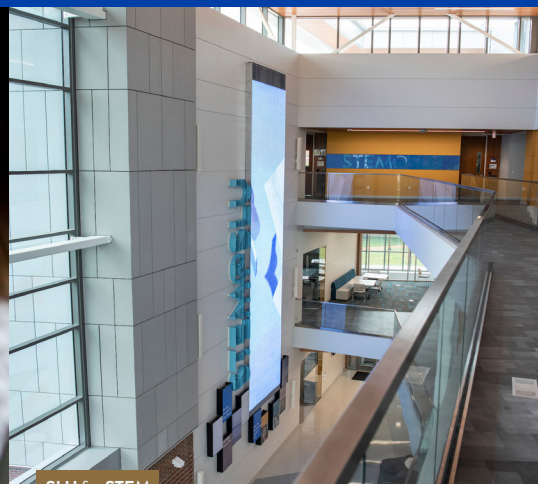
At SLU, you have the opportunity to get hands-on, real-world experience as early as the first week of classes. In the AIRCRAFT laboratory, students design, build and fly unmanned aerial systems (UAS) to support research in aircraft flight safety and UAS operations. In the Space Systems Research Lab, students design and construct small spacecraft for launch.

Students also participate in national and international competitions and activities organized by the American Institute of Aeronautics and Astronautics (AIAA), SAE International, NASA and the Association for Unmanned Vehicle Systems International (AUAVSI). You can also get involved with student chapters of AIAA, SAE, National Society of Black Engineers (NSBE), and the Society of Women Engineers (SWE)

EXPLORE SPACE FROM SLU

Perform world-class research in the design, fabrication and operation of space systems in the **Space Systems Research Laboratory** at Saint Louis University.

 LEARN MORE ABOUT AEROSPACE AT SLU: slu.edu/science-and-engineering



SLU for STEM



STEM

Aerospace Engineering qualifies as STEM degree

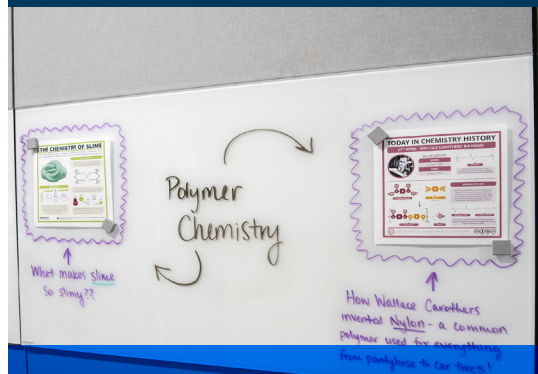
PROGRAM highlights

SAT/ACT TEST OPTIONAL

CPT / OPT AVAILABLE

SCHOLARSHIPS AVAILABLE

ABET ACCREDITED PROGRAM



RESEARCH from DAY ONE
Undergraduate research opportunities





SLU'S LOCATION CONNECTS you TO CAREERS IN AEROSPACE ENGINEERING

Other benefits of SLU's aerospace engineering program include summer internships and cooperative education programs available with industry in the St. Louis area as well as nationwide. Many of our students do summer internship programs both in federal labs and private industries. These sites include NASA, the U.S. Department of Defense, The Boeing Company, Lockheed Martin Corporation and Northrop Grumman.

No. 1
CITY IN USA TO
LAUNCH YOUR CAREER
— BANKRATE, 2023

15
FORTUNE 500 & 1000
COMPANIES
— FORTUNE, 2024

Top 10
BEST US CITIES
FOR JOBS
— GLASSDOOR, 2023



GRADUATE CAREER-READY

\$130,720

Median salary for aerospace engineers in the US

—BLS.gov

843

EMPLOYERS FROM AROUND THE U.S.
RECRUITED AT SLU LAST YEAR

92%

OF RECENT SLU ALUMNI ARE SATISFIED
WITH THEIR POST-GRADUATION PATH

Corporations and government agencies where successful Parks aerospace engineering alumni can be found include:

BOEING
GENERAL DYNAMICS
HUGHES

LOCKHEED MARTIN
NASA
NORTHROP GRUMMAN

PRATT-WHITNEY
RAYTHEON
SPACEX



ADMISSIONS REQUIREMENTS

SAT/ACT TEST OPTIONAL

	Entry Requirements	Language Requirements	Credits to Degree	Program Information
Direct Entry *Fall and Spring Start	- Secondary/high school degree or equivalent 3.0 GPA on 4.0 scale	- TOEFL iBT 80 or - IELTS 6.5 or - PTEA 54 or - Duolingo 110+	125 credits	Pathway Progression Requirements - Minimum 2.7 cumulative SLU GPA - Successful completion of Pathway Portfolio - Grade of B or better in all classes counting toward major - No C-/D-/F-/W-/I-/P-/NP-/S-/U grades
1-Semester Pathway *Fall and Spring Start	- Secondary/high school degree or equivalent 2.5 GPA on 4.0 scale	- TOEFL 75 or - IELTS 6.0 (5.5 R&W) or - PTEA 50 or - Duolingo 100 - Completion of Academic English Level 5	125 credit hour program 11 credit hours apply from Pathway 114 credit hours remaining toward degree	
2-Semester Pathway *Fall and Spring Start	- Secondary/high school degree or equivalent 2.5 GPA on 4.0 scale	- TOEFL iBT 60 or - IELTS 5.5 or - PTEA 44 or - Duolingo 90 - Completion of Academic English Level 4	125 credit hour program 18 credit hours apply from Pathway 107 credit hours remaining toward degree	

**Visit SLU.edu for most updated Direct Entry requirements for admission.



COURSES IN THE PATHWAY

1-SEMESTER PATHWAY

EAP 1200 ACADEMIC WRITING & EDITING SKILLS II
EAP 1220 ACADEMIC READING & STUDY SKILLS II
MATH 1510 CALCULUS I (OR HIGHER)
ESCI 1700 ENGINEERING FUNDAMENTALS
ESCI 1701 ENGINEERING FUNDAMENTALS STUDIO
CORE 1600 ULTIMATE QUESTIONS: THEOLOGY
CORE 1500 CURA PERSONALIS 1
EAP 1010 RECITATION LAB

2-SEMESTER PATHWAY

SEMESTER 1

EAP 1000 ACADEMIC WRITING & EDITING SKILLS I
EAP 1020 ACADEMIC READING & STUDY SKILLS I
EAP 1030 ACADEMIC PRESENTATION & SPEAKING SKILLS
MATH 1510 CALCULUS I (OR HIGHER)
CORE 1600 ULTIMATE QUESTIONS: THEOLOGY
CORE 1500 CURA PERSONALIS 1
EAP 1010 RECITATION LAB

SEMESTER 2

EAP 1200 ACADEMIC WRITING AND EDITING SKILLS II
EAP 1220 ACADEMIC READING AND STUDY SKILLS II
MATH 1520 CALCULUS II (OR HIGHER)
ESCI 1700 ENGINEERING FUNDAMENTALS
ESCI 1701 ENGINEERING FUNDAMENTALS STUDIO
WGST 1900 INTRO TO WOMEN'S AND GENDER STUDIES
EAP 1010 RECITATION LAB

Courses in **BOLD** earn credit toward degree
Complete degree curriculum and roadmap available at [SLU.EDU](https://slu.edu)



THE INTO SLU Advantage

INTO SLU's Pathway programs are ideal for international students who need additional English language and academic preparation before continuing to a degree program at Saint Louis University.



Integration with American and international students



Full access to all university facilities



Dedicated academic advisor



Facilitate transition to the university



Small class sizes



APPLY

STUDENTS:

[WWW.INTOSTUDY.COM/SLU](https://www.intostudy.com/slu)

COUNSELORS:

[PARTNERPORTAL.INTOGLOBAL.COM/SLU](https://partnerportal.intoglobal.com/slu)

