Aeronautics and Astronautics
Undergraduate Major

Our mission is to equip students with the fundamental principles and techniques necessary to ensure their successful leadership in the conception, design, implementation, and operation of aerospace and related engineering systems.
Aeronautics and Astronautics Undergraduate Major

Driven by student and industry demand, the new degree program prepares students for careers in aircraft and spacecraft engineering, space exploration, air- and space-based telecommunication, autonomous systems, robotics, commercial space transportation, military service, and other technology-intensive fields.

The curriculum blends traditional aerospace training with exposure to new technologies that enable smaller, cheaper, more capable flight platforms. Students will learn engineering principles through a project-based curriculum and apply these fundamentals to laboratory experiments and aerospace system design problems.

Laboratories

Undergraduate Teaching Lab
$5 million
Support the creation of this cutting-edge undergraduate project lab occupying the entire second floor of the Hugh Hildreth Skilling Building. Undergraduates will use these facilities for all project-based courses, and for building responsive drones and space satellites, among other aerospace systems.

Flight Lab
$2.5 million
Support the creation of this state-of-the-art indoor facility in the William F. Durand Building, home to the Department of Aeronautics and Astronautics. Here, students can design, build, and flight-test a variety of unmanned systems including drones, surface vehicles, intelligent/collaborative robots, and other vehicle prototypes.

With your gift...

• The lab will be named in your honor, in another name of your choosing; the name will appear on a plaque at the entrance to the lab.
• You will receive periodic updates on the lab’s activities and research programs.

Operational Support

Endowed Department Chair
$5 million
Support the establishment of an endowed department chair. The annual payout from this fund will be a valuable source of unrestricted funding, to be used at the discretion of the department chair.

With your gift...

• The holder of the chair, which changes every 5–10 years, will be recognized with a title designated in your honor or in another name of your choosing.
• The department chair will keep you informed of the research, teaching, course development, and other scholarly endeavors of the department, and you will be invited to participate in department seminars and functions.
• You will receive an annual financial report detailing the fund and the endowment performance.

For more information, please contact:
Matthew Bahls
Director of Major Gifts
Stanford University, School of Engineering
475 Via Ortega, Stanford, CA 94305-4121
T 650.723.9043
mbahls@stanford.edu
engineering.stanford.edu/give

Your investment will allow students to pursue a 21st-century career that anticipates the future needs of the field of aerospace engineering and science.