

EDUCATION DEGREES:

Master of Science in Aeronautics

Gaining a Bachelor or Master of Science Degree in Aeronautics:

College of Engineering, Purdue University

Aeronautical and astronautical engineers apply their understanding of basic physical phenomena to design and operate aircraft, missiles, and space vehicles. Aeronautics is the design, development, analysis, testing, and production of aircraft for military or civilian markets. Astronautics is the design, development, analysis, testing, and production of rockets, spacecraft, and global space/international systems. As an aeronautics and astronautics student, you'll follow a curriculum that explores the fundamentals of engineering science and the technologies and design of flight vehicles. Aircraft and spacecraft design courses integrate many engineering fields to provide a mastery of complete flight systems.

As an aeronautical or astronautical engineer, you can work in aviation, defense, space exploration—even the automotive industry. Specific responsibilities for an aeronautical engineer can include:

1. conducting wind tunnel tests on an aircraft model
2. designing and analyzing an airplane wing's structure
3. testing aircraft engines

For an astronautical engineer:

1. designing power systems for satellites
2. developing communications systems
3. designing reusable space vehicles

Your career path could include graduate school or employment with one of many companies or organizations, including ATK, Ball, Belcan, Boeing, Butler, Dassault Falcon Jet, GEAE, Lockheed Martin, NAS, NASIC, Navair, Military Service, Rockwell Collins, Rolls-Royce.

Links to more Information click below:

<https://engineering.purdue.edu/AAE/Academics/Undergrad/pos>

Courtesy: Top Aeronautical Schools TM, Purdue Univ.