



MISSISSIPPI STATE UNIVERSITY™

CAREER CENTER

WHAT CAN I DO WITH A MAJOR IN...

Aerospace Engineering

Description of Major

A Bachelor of Science in Aerospace Engineering primarily focuses on the analysis, design, testing, and prediction of performance of aircraft, missiles, and spacecraft which operate in the atmosphere, outer space, or in a fluid medium. The objectives of the curriculum are to provide the student with a fundamental engineering education based on a strong foundation in mathematics and the physical and engineering sciences, and to apply engineering fundamentals specifically to the field of aerospace engineering.

The Aerospace Engineering program at Mississippi State University offers two concentrations: aeronautics: the study, design, and manufacturing of air vehicles, and techniques of operating aircraft and rockets within the Earth's atmosphere and astronautics: the science and technology of human space travel and exploration beyond Earth's atmosphere.

For more information on this major, visit www.ae.msstate.edu, stop by Walker Hall or call 662-325-3623.

Possible Job Titles*

Aerospace Engineer	Manufacturing Engineer
Aerodynamics Engineer	Associate Engineer Ballistics
Associate Flight Simulator Engineer	Flight Control Engineer
Launch Integration Engineer	Product Engineer
Quality Engineer	Research Engineer

Possible Employers*

U.S. Army Corps of Engineers	Boeing Company
Northrop Grumman	U.S. Air Force
Eaton Aerospace	Airbus Americas
Gulfstream Aerospace	NASA Stennis Space Center
Delta Air Lines	PACCAR

Job Search Websites*

The following links are excellent resources on specific careers such as those listed above:

- **Connections:** <https://msstate-csm.symplicity.com/>
 - **Careershift** - Under "Resources" tab
 - **GoinGlobal** - Under "Resources" tab
- **LinkedIn:** <https://www.linkedin.com>
- **O-net:** <https://www.onetonline.org/>
- **USAJOBS:** <https://www.usajobs.gov/>

Campus Involvement*

The following links are excellent resources on how to get involved on the MSU campus:

- **Bulldog Mentor Program:** <https://bulldognetwork.msstate.edu/v2>
- **Cowbell Connect:** <https://msstate.campuslabs.com/engage/>
- *Add other major-specific student orgs as you wish*

*Note: These lists are not comprehensive.