

EDUCATION DEGREES:

Master of Science in Aeronautics

Gaining a Master of Science Degree in Aeronautics

In order to gain a master of science in aeronautics degree, men and women must be prepared to take a number of tough courses focusing especially on math and science courses. This type of degree can help raise potential incomes and land a person's dream jobs because the demand for skilled workers is so high. It is important, however, to note that the course work is tough, so only those who can focus on homework and studies often succeed.

Most master of science in aeronautics programs branch out into specialties ranging from management to education to safety systems. Students should focus on a specialty from the start to ensure they receive the best education for their career goals. Someone interested in maintaining or repairing aircrafts should look at safety systems as a specialty. It is possible to graduate with two or more specialties, which is a good idea for those who have yet to narrow down their career desires.

Often this degree is necessary for those who want to become air traffic controllers, aircraft safety systems specialists, space shuttle pilots, and aeronautical engineers. Salaries for these jobs can earn upwards of \$100,000 per year. Aeronautics is a highly specialized and in demand field of work for those who have the passion for airplanes and spacecraft.

Courses required for a master of science in aeronautics often include Aerodynamics, Advanced Meteorology, Aircraft/Airspace Systems, Crew Management, Aviation Law, Propulsion, Aircraft Control, Aircraft Performance, Aviation Simulations, Aircraft Maintenance, Airport Operations, Linear Dynamic Systems, Airport Management, International Aviation Regulations, Safety Management, Logistics, Aircraft Operations, Corporate Aviation, Computer Interaction, Space Missions, and more. These courses are above and beyond usual requirements of English, Psychology, Physical Science, Algebra, Calculus, Trigonometry, and Geometry.

When thinking about future plans and career goals, it is important to realize that space exploration is still in its early stages and domestic and international airplane flights are also continually expanding. The demand for skilled workers is high, so this is a great line of employment to look into.

Courtesy: Top Aeronautical Schools TM

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