

# AEROSPACE PHYSICIAN

**AVERAGE SALARY:**

**\$198,697**

## EDUCATIONAL REQUIREMENTS:



Bachelor's of Science Degree in Biological Sciences, Kinesiology or pre-med followed by Doctor of Medicine (MD) Degree or Doctor of Osteopathic Medicine (DO) Degree with additional training or residency aerospace medicine program.

## RELATED HIGH SCHOOL CLUBS:

Astronomy, Computer Programming, Digital Photography



## RELATED HIGH SCHOOL CLASSES:

Physics, Chemistry, Geology, Calculus, Algebra, Statistics, Computer Programming

- ## ON THE JOB
1. Provide healthcare to those who work in aviation and spaceflight
  2. Diagnose, treat, and prevent conditions for those workers, such as oxygen deprivation, middle ear and sinus problems, spatial disorientation, carbon monoxide poisoning, motion sickness, dehydration, and fatigue
  3. Manage injuries and disorders unique to aviation and spaceflight
  4. Screen aviation personnel for conditions that could put and others at risk during flight
  5. Evaluate their ability to fly following diagnostic tests

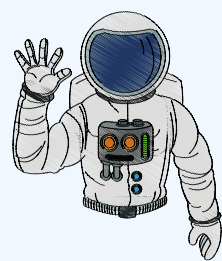


## RELATED CAREERS:

Aviation Medicine, Flight Surgeon, Medical Doctor, Aerospace Physiologist

## EXAMPLES OF EMPLOYERS

1. Argent Technologies
2. US Department of the Air Force and Army
3. National Aeronautics and Space Administration (NASA)
4. Universities like the University of Texas Medical Branch



## FUN FACTS:

- All astronauts receive special CPR training. Astronauts need to learn how to do chest compression in an environment that has little or no gravity to hold them and their patients in place.
- Astronauts can develop skinny legs and puffy faces. Once in weightlessness, fluids begin to shift in and astronaut's body, moving from their lower body into their upper body.
- Muscles and bones start to deteriorate in space. Since astronauts don't need to use their bones and muscles to fight against gravity, their bodies quickly shed this unnecessary tissue. To keep a healthy amount of bone and muscle mass to support them back on Earth, astronauts must exercise at least 2 hours a day.