



Astronomy

Most/all Astronomy positions require a student to have a Ph.D in the field of Astronomy and Mathematics and computer science are strongly recommended to have. Astronomy courses are likely to have study in astrophysics, stellar and planetary physics, galaxies, interstellar medium and optics.

Astronomers use physics and mathematics to learn more about the universe. They study planets, moons, stars, etc. Astronomers specialize in celestial bodies such as black holes, supernovas, white dwarves etc.

Astronomers work in a team of scientists, working full time and often times at night to for better observations of space. They primarily work in offices, but often times work in observatories or to travel internationally to facilities with special equipment.



This is a telescope. A telescope is used to observe the stars and other planets. A normal telescope like you see here can observe up to 3 billion light years away.



This is a globe of Earth, astronomers use this to compare other planets to how Earth looks like. A globe can be a very useful tool to determining the best place to view the spatial bodies from Earth.



Astronomers use satellites to view planets and galaxies

and other phenomenon that may occur in space. It is launched only to arrive at it's destination many years after being launched. Only if the mathematics and calculations are correct will the satellite reach it's destination and send back to earth pictures of the phenomena it has captured.

Astronomy uses many many tools not listed here. Astronomy calls for travel; some countries may have certain equipment that may help in the advancement of their research. So just to research one thing, you may have to go to 3-4 different countries just to use a special telescope that they may have, or to use an advanced computer that you do not possess.