

**Ambassador Space Science Master Badge****NASA Science Mission Directorate**

Explore the different divisions of NASA's Mission Directorate.

**Heliophysics**

Heliophysics is the study of the Sun and space weather. We live in the atmosphere of an active star, our Sun. Heliophysics studies this star and its effects on space, helping us to understand our place in the universe.

Learn more about Heliophysics: <https://science.nasa.gov/heliophysics>

**Planetary Sciences**

Planetary Sciences is the study of our Solar System—planets, moons, asteroids, comets and other planetary objects. In addition to broadening our understanding of the Solar System, Planetary Sciences helps to expand the development of spacecraft and robotic design because of its extensive exploration strategy, which includes flybys, orbiting, landing, roving, and returning samples from planetary bodies.

Learn more about Planetary Sciences: <https://science.nasa.gov/solar-system>

**Earth Sciences**

Earth Sciences is the study of our home planet, the Earth, from space. Earth Sciences studies the solid Earth, its atmosphere, biosphere, and oceans in a coordinated approach that allows for a deeper understanding of the complexities of this planet.

Learn more about Earth Sciences: <https://science.nasa.gov/earth-science>

**Astrophysics**

Astrophysics is the study of stars and exoplanets, galaxies, dark matter and energy, as well as the origins of the universe. Astrophysics aims to discover how planetary systems form and how environments for life develop, searching for the existence of life on other worlds—maybe we aren't alone.

Learn more about Astrophysics: <https://science.nasa.gov/astrophysics>

**For additional information:** <https://science.nasa.gov/about-us>