

## Ecologist, GS-408

**E**cologists study the relations between living plants and animals and their environments. Healthy ecosystems provide society with essential ecosystem services, such as crop pollination, water and air purification, and harvestable populations of fish and wildlife.





Ecologists conduct research and monitoring on freshwater, terrestrial, and marine ecosystems and the plants and wildlife within them. An important role of USGS ecologists is to focus research and monitoring to meet the scientific needs of Department of Interior resource-management bureaus.

Qualifications based on education and experience vary for different grade levels. Requirements include successful completion of a 4-year course of study in an accredited college or university leading to a Bachelor's or higher degree in biology or a related field of science underlying ecological research that included at least 30 semester hours in basic or applied biological sciences. These hours must have included at least 9 semester hours or the equivalent in ecology, and 12 semester hours or the equivalent in physical and mathematical sciences.

For more information, visit: [www.usajobs.gov](http://www.usajobs.gov).