National Internship Program

Sample Federal Internships in Ecology

*Not a complete list of internship opportunities available

Desired Majors: Ecology, Environmental Science, Forestry, Geographic Information Systems, Natural Resources Management and Policy

Posted by: US Dept. of Agriculture – Forest Service; The intern's primary responsibilities will be to: Assist NA's Climate Change Coordinator in data collection and analysis of NA's delivery of climate-related information and services to States, Federally-recognized Tribes, and other partners. Data collection may include interaction with internal staff and/or external partners; Work with NA's GIS and Forest Stewardship Program staffs to create a story map to be shared online with stakeholders; Conduct a site visit, interview landowners/managers, and write an article that highlights a Forest Stewardship Program success. Additional opportunities may be available depending on time and the intern's interest. The ideal candidate will possess the following qualities: strong interpersonal skills; excellent oral and written communication skills; GIS experience; and knowledge of forestry, natural resources, climate change and other environmental issues.

Desired Majors: Ecology, Biology, Conservation Biology, Botany

Posted by: US Dept. of the Interior – Bureau of Land Management; Intern Duties: assisting in preparing, evaluating, and conducting biological analyses of flora and fauna; ensure that impacts to the ecosystem and wildlife habitat are properly mitigated; assist staff Wildlife Biologist with monitoring on-going wildlife habitat development and construction projects and the implementation of new projects within the field office; basic input to interdisciplinary reports, environmental assessments, and protective stipulations for threatened and endangered species; participate in monitoring and surveying special status species and their habitats and evaluate and report any changes in the habitat status. Goals: Assist staff Wildlife Biologist at the CFO with preparing, evaluating, and conducting biological analyses of flora and fauna

Desired Majors: Ecology, Environmental Science, Forestry, Geographic Information Systems, Natural Resources Management and Policy

Posted by: US Dept. of Agriculture – Forest Service; Intern duties include: Gathers and assembles data for conservation plans and practices; Assist with map development in Arc-GIS; Asist with conservation plans development; Assist with Outreach; Assist with construction inspections. Desired Skills: Knowledges of standard soil and water conservation methods, techniques, measures, and practices; Knowledge of agronomy, animal science, soil science, and farm practices. Skills in applying written and oral communication technics. Computer skills: Arc-GIS and Microsoft Office programs Motor Vehicles, Safety and Health Student will gain the following Skills: Planning procedures and Agency tools; Soil and Water Conservation principals including but not limited to: Irrigation systems, Cover crops, Erosion control practices, Applicability of conservation practices on different farm

For more information on HNIP, please visit www.hacu.net/hnip or call 202-467-0893

Sample Federal Internships, continued

settings, Agency policies and programs available to farmers

Desired Majors: Ecology, Agriculture, Agricultural Economics, Horticultural Science, Botany/Plant Biology

Posted by: US Dept. of Agriculture – National Institute of Food and Agriculture; Duties: Determine how the grants program is improving teaching, enrollment, and graduation rates within the HSIs; students will classify and analyze currently funded HSIs grants by NIFA priority goal, state, institution, and other variables; grant program data collection and data input. The intern will be involved in data collection, database preparation, and analysis of the funding Program. The intern will help the NPL to summarize and to update the data for the different grant projects. The intern will be reading the accomplishments described in the HSI project reports and will work with NPLs to identify and summarize the project outcomes and impacts.

Desired Majors: Ecology, Biology, Forestry, Environmental Science, Natural Sciences

Posted by: US Dept. of Agriculture – Forest Service; Intern Duties: To assess and compile a forestland/open space real estate sales database in Excel for a resource to the Region 9 Senior Review Appraiser; To assist in the finalization of a Northeastern Area (NA) Forest Legacy tri-fold pamphlet for the general public for distribution at public events and conferences, and for use by 20 states within the Area; To assist in the development and publication of NA Forest Legacy Technical Transfer documents; To assist in the software maintenance and updating of a NA Forest Legacy acquisition database; To assist in the day-to-day operations of the facilitating the Forest Legacy Program within the Northeastern Area; To assist in state FLP technical assistant; To interact professionally with USFS staff and state contacts, in face-to-face, phone, email and other methods; To 'cross-train' with short experiences with Forest Fire, Research and Urban Forestry units-there may be some field work

Desired Majors: Ecology, Agriculture, Biology, Botany/Plant Biology, Computer Science

Posted by: US Dept. of Agriculture – Animal and Plant Health Inspection Service; Intern Responsibilities: Understanding of biological sciences, including modern biotechnology related aspects. The person must have some basic computer skills. Prepare ArcGIS maps of current and historical distributions for major U.S. crops and any sexually compatible relatives. This activity will involve acquiring production data from current and historical Agricultural censuses and other sources as needed, capturing that data in Excel spreadsheets that can be used to generate ArcGIS maps, and working with BRS IT specialists to generate the maps.

Desired Majors: Ecology, Conservation Biology, Botany and/or Plant Biology, Environmental Science, Natural Resources Management and Policy

Posted by: US Dept. of Agriculture – Forest Service; Duties: Assist with Native Prairie restoration activities; seed collecting, planting, invasive plant control, herbicide application, cutting vegetation using hand tools. Monitoring native prairie restoration and plants of concern, identifying native prairie plants. Monitoring grassland birds. Maybe participate in environmental education activities with urban youth.