The City of Phoenix announces an unpaid summer/fall internship opportunity, to begin in July 2021, and last approximately 6 months. Extension of the internship into the Spring 2022 semester is a possibility.

Nature of Work: Five separate projects are planned for several interns: Interns will be organizing and analyzing historic data from indoor and outdoor water and wastewater studies using JMP software; interns will be using ArcGIS and Trimble eCognition software to classify Metro Phoenix Area landscapes using a defined water intensity rule set; and/or will be dissolving parcels into polygons using ArcGIS for landscape coding and water use analysis using Trimble eCognition.

This type of work would be very useful for anyone with a career focus in an area associated with data management, urban planning, engineering, natural resource management, economics, or sustainability. The internship will help to develop skills in management of databases, spreadsheets, and GIS as it relates to municipal water resource planning.

Qualifications: Interns should be enrolled in a college or university program, or have recently completed a college or university program, in a discipline that is relevant to the type of research being undertaken in the Water Services Department and have good quantitative and report-writing skills. Types of relevant programs/disciplines include, but are not limited to: Data management, planning, geography, engineering, hydrology, business administration, public administration, economics, sustainability, or water resources.

It would also be very beneficial if the interns already have a basic understanding of geographic information systems, databases and/or spreadsheets, however, students will receive training on all required software tools. All work and analytical results are closely monitored by Water Services Staff.

Compensation: This is an unpaid internship opportunity; however, past students have earned hours of internship credit. Please see your department for full credit requirements.

Time Requirement: Student works 10 hours/week

Work should be done on a weekly schedule, within the hours of 8:30 am – 5:00 pm, Monday through Friday. Interns will keep a log of work completed and hours worked which will be audited by City staff.

Location: Phoenix City Hall
200 West Washington St, 9th Floor
Phoenix, AZ 85003

To Apply: Send resume and cover letter to:
Marji Dukowitz
Water Planner II
Desk: 602-495-3669 or Cell: 602-538-3302
Marji.Dukowitz@phoenix.gov

Deadline: Please submit your application no later than Friday, June 4, 2021 to be considered.