

## UNIVERSITY OF KANSAS

## STUDENT HOURLY

Unit: **KANSAS GEOLOGICAL SURVEY**Address: **MOORE HALL, WEST CAMPUS**Working Job Title: **Student Geochemistry Lab Assistant**Work Study **\_XX\_** OR Regular Hourly **\_XX\_**Starting Hourly Rate: **\$15.00**Appointment: **Start date October 3, 2022**KGS Section: **Geohydrology**Hours Per Week: **During business hours, 8-5, M-F**Job Specific **\_XX\_** Job Pool **\_\_\_\_\_****Business Hours: 8:00a-5:00p, Monday through Friday****POSITION OVERVIEW:**

Assist with analysis of water and aqueous solutions in Kansas Geological Survey's geochemistry lab using a variety of different lab instruments (details below). This position is open to upper-level undergraduate or graduate students with previous lab experience.

**DUTIES:**

- 30% Analyzing samples using analytical instruments including ion chromatograph (IC), inductively coupled plasma - optical emission spectrometer (ICP), alkalinity titrator, and other benchtop analytical tools.
- 30% Lab work including filtering and preparing samples, sample preservation and acidification, washing analytical glassware, and weighting samples.
- 20% Standard preparation for IC and ICP
- 10 % Reporting analytical results and data
- 10% Other duties as directed

**REQUIRED QUALIFICATIONS:**

1. KU graduate or upper-level undergraduate students in chemistry, engineering, geology, environmental science, biology, or related natural science field.
2. Previous experience (1-2 years) in analytical laboratory and familiarity with wet chemistry techniques.
3. Organized, independent and attention to detail as evidenced by application material.
4. Available to work 10-15 hours weekly between 8am and 5pm, Monday through Friday.

**PREFERRED QUALIFICATIONS:**

1. BS degree in natural science field (chemistry, biology, engineering, geology, etc.)
2. Previous experience with IC, ICP and other analytical instruments

**PROCEDURES FOR APPLYING:**

Apply for this position at <https://employment.ku.edu/student/23395BR>. (Internal: 71612, 2950121-033, S12)

Complete the KU student application and upload:

1. Resume
2. Cover letter showing how qualifications and position requirements are met is welcome, but not required.
3. Work references.

**PERSON TO CONTACT:**

Annette Delaney, [adelaney@ku.edu](mailto:adelaney@ku.edu), 785-864-2152

**CLOSING DATE FOR APPLICATIONS: September 19, 2022**