

# What Can I Do in Public Health? Chemistry

## Skills and experiences you may have developed through your degree include:

- Use of analytical chemistry instruments and processes, such as: Tandem mass spectrometry, Immunofluorescence, High performance liquid chromatography (HPLC)
- Rotary evaporation
- Acid-Base Titration
- Research and technical writing
- Lab safety and aseptic technique

## Specialty Areas



Environmental Sciences  
(Air, Water, Soil Quality)



Clinical and Medical  
Sciences

## Potential Employers

- Local (city/county) health departments
- State health departments
- Federal health institutions (CDC)
- Laboratory and Diagnostic settings

## Examples of Entry-Level Job Postings (with Texas DSHS)

- **Chemist I**
  - Analyze environmental samples to identify different types of contamination
- **Clinical Lab Scientist**
  - Perform MS/MS analysis as part of newborn screenings
- **Health Informatics Specialist I**
  - Collect and analyze data collected from health information systems (HIS)
- **Environmental Protection Specialist/Sanitarian I**
  - Conduct routine inspections of public environmental and food service facilities

To view current job postings at the Texas HHS, visit: <https://jobshportal.hhsc.state.tx.us/ENG/careerportal/>



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