



# Example of Assistant Scientist Job Description

Powered by [www.VelvetJobs.com](http://www.VelvetJobs.com)

Our growing company is searching for experienced candidates for the position of assistant scientist. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for assistant scientist

- Simulate light propagation inside optical volume, including reflection, refraction and radiation damage effects
- Be responsible for laboratory facilities (which include daily equipment checks, instrument maintenance and general laboratory housekeeping)
- Perform laboratory procedures using standard laboratory equipment
- Assist others in all aspects of laboratory and field studies in compliance with the relevant study plans
- Undertake field and semi-field based procedures
- Collection of samples in the field
- Conduct sample extraction and clean-up of samples using a variety of wet chemistry techniques
- Operate analytical instrumentation such as HPLC
- Maintain written and computer records
- Data checking for study directors

## Qualifications for assistant scientist

- Master's in material science
- Knowledge in inorganic scintillator fabrication and structure analysis, spectroscopic measurements, nuclear fast electronics, data acquisition system, Unix and Windows operating system and data analysis software, such as PAW and Labview
- Calculate and report results

- An Honours degree (or equivalent) in Chemistry or a related discipline
- The ability to communicate effectively, have good problem solving skills and be able to work to tight deadlines and record data accurately