

LABORATORY TECHNICIAN

Technical testing role that collects, prepares samples, carries out experiments, makes measurements with scientific equipment, records results and presents results for critical analysis.

WHAT RESPONSIBILITIES WILL I HAVE?

- Clean, maintain and set up equipment for use in experiments
- Collect, classify and preserve specimens and samples
- Perform diagnostic and other scientific tests on specimens, such as animal and plant tissues, food and water for chemical or cellular or other constituents, bacterial content and chemical contamination
- Carry out experimental procedures, such as taking animal blood samples, testing seed and experimental plants, analyzing soil and monitoring processes, such as fermentation
- Perform routine mathematical calculations and prepare graphs
- Use computers and computer-interfaced equipment
- Carry out routine quality assurance checks on production line samples and materials
- Assist in the writing of lab reports



WHAT EDUCATION & TRAINING IS REQUIRED?

Bachelor's degree in laboratory science, biology, chemistry, or a related field is required

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, anatomy, biology, mathematics, English, chemistry, physics

TYPICAL EMPLOYERS

Various labs in academic, government or company (seed, chemical, biotechnology, animal health) settings

FUTURE JOB MARKET/OUTLOOK

Poor

Good

Excellent

SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- Association for Clinical Laboratory Science
- The Association of Laboratory Technicians

AVERAGE ANNUAL FULL-TIME SALARY

\$38,000