

BIOHEALTH

Top 10 Industry Skills

Biology

Knowledge of plant and animal organisms, their tissues, cells, functions, interdependencies, and interactions with each other and the environment.

Example: Prepare biological samples, such as cells, blood, and bacteria cultures, for laboratory analysis.

Chemistry

Knowledge of the chemical composition, structure, and properties of substances and of the chemical processes and transformations that they undergo.

Example: Analyze to evaluate the quantity or quality of chemical substances in products.

Communications

Ability to convey thoughts and express ideas effectively in writing and speech as well as fully comprehend what others are saying.

Example: Write reports and summaries of research findings to supervisors and co-workers.

Customer Service

Act of providing and delivering professional, helpful, high-quality service and assistance to a customer before, during, and after the goods or services are rendered.

Example: Serve as a point of contact for delivery of product that meets the customers' requirements.

Detail Oriented

Ability to efficiently achieve thoroughness and accuracy when accomplishing tasks.

Example: Measure amounts of products, lengths of extruded articles, or weights of filled containers to ensure conformance to specifications.

Good Manufacturing Practices (GMP)

Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.

Example: Prevent unplanned downtime and expensive repairs by properly servicing manufacturing equipment on a regular basis.

Leadership/Management

Knowledge of business and management principles involved in strategic planning and development to influence others toward the accomplishment of identified objectives.

Example: Foster a transition within the founding team from science-oriented to commerce-oriented thinking and action when moving to the operational stage of a bio start-up.

New Product Development/Research

Reviewing and analyzing information to gain knowledge leading to the creation of products with new or different characteristics that offer new or additional benefits to the customer.

Example: Perform lab experiments and tests according to good laboratory practices, seeking new and more efficient ways to use and produce products.

Operations

Elements and activities related to processes, personnel, equipment & technology and location that contribute to the company's functions and profitability.

Example: Recommend locations for new facilities or oversee the remodeling or renovating of current facilities to improve productivity and profit.

Quality Assurance & Control

Conducting tests and inspections of products, services, or processes to evaluate quality or performance.

Example: Coordinate activities needed to document good manufacturing practices (GMP) and to update standard operating procedures (SOPs).