

Medical

Allergist	is a physician who manages and treats allergies and asthma, It requires the completion of atleast nine years of training. They are trained in the prevention, diagnosis, and treatment of immune system problems such as allergies, asthma, inherited immunodeficiency diseases, autoimmune diseases and even AIDS
Anesthesiologist	creates an aesthetic plan for patients and then attend to the patient during and after surgery.
Anesthetist	is a nurse who has acquired additional education and training to administer anesthesia
Audiologist	identifies, diagnoses, treats and monitors disorders of the auditory and vestibular system portions of the ear. Audiologists are required to receive a doctoral degree (Au.D. or Ph.D.) in audiology from an accredited university graduate or professional program before practicing.
Chiropractor	focuses on diagnosis, treatment and prevention of mechanical disorders of the musculoskeletal system and the effects of these disorders on the functions of the nervous system and general health
Clinical Technician	is a technician who uses their knowledge of biology inA clinical setting, often within the medical field.
Dental Assistant	prepares trays for dental procedures, sterilize equipment, explain oral health care to patients, prepare materials for making impressions and restorations, process dental X-ray film as directed by the dentist
Dental Hygienist	is a graduate from a dental hygiene program who can perform duties include cleaning, scaling and root planing and dental sealing
Dentist	diagnoses and treats problems with teeth and tissues in the mouth. They educate patients on diet, brushing, flossing, the use of fluorides, and other aspects of dental care. They remove tooth decay, fill cavities, examine X-rays, straighten teeth, and repair fractured teeth. They also perform corrective surgery on gums and supporting bones to treat gum diseases.
Dietitian	is a food and nutrition expert who educate and help individuals develop good nutritional habits
Emergency Medical Technician	responds to emergency calls and perform emergency medical procedures

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Endocrinologist	diagnoses diseases that affect your glands and treat hormone imbalances and problems by helping to restore the normal balance of hormones in your system.
Histologic Technician	prepares thin sections of human, animal and plant tissue for microscopic examination, prepares slides of body tissue for microscopic examination by freezing and cutting tissues, mounting them on slides, and staining them with special dyes to make the details visible under the microscope.
Hospital Administrator	works to enforce the mission of the hospital and the program's goal. They also work on budget planning and conducting hospital meetings.
Licensed Practical Nurse	works under the direction of a physician; they monitor patients, perform vital signs, collect blood and urine samples; they most often work in physician's offices or clinics
Medical Assistant	they work in medical offices and practices and perform duties such as taking vital signs, and filling out records. They make sure the daily processes of a medical office are carried out efficiently.
Medical Illustrator	illustrates pictures related to medicine and biology, but who also has scientific knowledge and can communicate with researchers.
Medical Record Administrator	keeps records of patients included their past symptoms and tests such as X-rays along with past treatments.
Medical Records Librarian	classifies and codes diseases, reviews admission and treatment, and discharges records for completeness, complies monthly movement reports and special reports for medical research projects, reviews records of medical services to determine accuracy of charge submitted by doctors and hospitals, reviews medical records and reports by medical stenographers, conducts surveys of medical records library services in the licensed general hospitals of the state, and advises hospital personnel on improvements needed.
Medical Technologist	performs diagnostic analytic tests on body fluids such as blood, urine, cerebrospinal fluid (CSF), peritoneal fluid, pericardial fluid, and synovial fluid, as well as other specimens. They work in clinical laboratories at hospitals, doctor's offices, reference labs, and within the biotechnology industry.

Medical

Medical Writer	researches, organizes, writes and edits scientific and technical material. They may translate technical language into terms that are easier to understand or they may write in highly technical terms for experts. They also research a subject, interview experts and observe procedures
Medical X-Ray Technician	conducts imaging procedures specified by a patient's physician and prepares patients for filming, operate x-ray imaging machinery, and typically work in a radiology room within a medical clinic or hospital
Mid-wife	assists in the delivery of babies and offers support and advice to pregnant women
Mortician	cares for bodies after death include embalming the body and making funeral arrangements. Education requirements include graduating from high school and attending mortuary college.
Nuclear Medicine Technologist	uses radionuclides in order to diagnose and treat diseases and operate machinery that shows the radioactive drug in the patient's body
Nurse Anesthetist	is a registered nurse and advanced practice nurse who has additional education and training to administer anesthesia to patients. The work in a wide variety of settings including public and private sectors, traditional hospital settings, pain clinics, and physician's offices
Nurse	someone who cares for those who are suffering from illness or injury and also provide emotional support to patients. They work in a variety of settings including hospital, clinics, or private practices.
Nutritionist	studies nutritional science and diseases relating to nutrient deficiencies. They also aid people in getting optimal nutrition.
Occupational Therapist	works with people with disabilities to enable them to maximize their skills and abilities
Ophthalmologist	is a medically trained surgical specialist in the treatment of eyes. They are either a M.D. or D.O. with an additional 4 years of post-graduate training in ophthalmology
Optician	provides corrective lenses based on a refraction prescription supplied by an ophthalmologist or optometrist.
Optometrist	diagnoses and treats eye diseases, and performs eye examinations

Medical

Oral Surgeon	treats and diagnoses disease related to the teeth, mouth, neck, and jaw. Sometimes they also perform reconstructive surgery
Osteopath	practices medicine with a whole-person approach, which means they consider both the physical and mental needs of their patients. They complete 4 years of basic medical education and can choose a practice specialty area.
Paramedic	assists in emergency on the scene treatment and transports patients to hospitals for further care
Pathologist	is a physicians who diagnose and characterize disease in living patients by examining biopsies or bodily fluid. The vast majority of cancer diagnoses are made or confirmed by a pathologist. Pathologists also conduct autopsies to investigate causes of death. Pathology is a core discipline of medical school and many pathologists are also teachers.
Pediatrician	gives medical care to infants, children, and adolescents
Pharmacist	Manages the drug distribution component of the medication use process in community and institutional settings. Provides counseling to patients regarding appropriate use of medications and also provides recommendations regarding selection of medications as part of an interprofessional healthcare team.
Phlebotomist	draws blood from patients, sometimes they have to travel to collect samples, some phlebotomist even collect urine samples or can inject heparin or saline flushes into patients
Physical Therapist	prevents and manages movement disorders in patients arising from conditions and diseases, you must a graduate degree from an accredited physical therapy program before taking the national licensing examination
Physician	holds a medical degree, practices medicine, and is concerned with maintaining or restoring human health through the study, diagnosis, and treatment of disease and injury.

Medical

Physician's Assistant	is an advanced practice clinician licensed to practice medicine with the supervision of a licensed physician. They can perform examinations and procedures, order treatments, diagnose illnesses, prescribe medication, order and interpret diagnostic tests, refer patients to specialists when appropriate and first-assist in surgery. They are employed in primary care or in specialties in urban or rural regions, as well as in academic administration. PAs may practice in any medical or surgical specialty, and have the ability to move to different medical and surgical fields during their careers.
Podiatrist	studies and medical treatments disorders of the foot, ankle and lower extremity
Radiologist	produces medical images to diagnose diseases using tools such as ultrasound, X-rays, and MRIs
Registered Medical Technologist	performs routine administrative and clinical tasks to keep the offices and clinics of numerous health professionals running smoothly. Some tasks include Taking medical histories, recording vital signs, explaining treatment procedures to patients, preparing patients for examination, assisting the physician during the examination, collect and prepare laboratory specimens, perform basic laboratory tests on the premises
Respiratory Therapist	treats respiratory and cardiovascular diseases such as asthma or emphysema; they work closely with physicians and nurses
Sanitarian	regulates, maintains, and promotes community hygiene; develop sanitary standards
Surgeon	is a physician who specializes in surgery, involves cutting the body of a human or organism for a specific purpose. A surgeon can be a physician, dentist, or veterinarian who specializes in surgery

Animal

Acarologist	studies mites and ticks
Animal Behaviorist	evaluates the behavior of sheltered animals, improve their quality of life, and provide post adoption support.
Animal Breeder Technician	produces animals with qualities that will benefit an industry, the technician cares for the animal from breeding until birth
Animal Husbandry Technician	prepares animal cages, provides food, water, and enrichment supplies to animals on a scheduled basis, observes animal health status and records abnormal findings, performs daily inventory of animals, euthanizes animals in accordance with AVMA guidelines and prepares carcasses for disposal, performs proper animal handling and restraint, and records daily environmental conditions throughout facility.
Animal Nutritionist	provides the dietary needs of agricultural animals, zoo animals, and pets. Their job sites include farms, laboratories, classrooms and commercial-based marketing for foods
Animal Pathologist	diagnoses diseases by examining animal tissue and fluids to figure out why these diseases occur and develop new drug treatments
Animal Pathologist	studies the origin, nature, and course of diseases that arise in avian populations.
Apiarist	cares for honey bee colonies
Dairy Manager	plans strategically and direct resources that will best benefit the dairy enterprise
Entomologist	studies insects and grouping them into taxons
Ethologist	studies animal behavior; they are interested in studying behavioral processes rather than a particular animal group
Farm Manager	manages the day-to-day activities of one or more farms, ranches, nurseries, timber tracts, greenhouses, or other agricultural establishments for farmers, absentee landowners, or corporations. Their duties and responsibilities vary widely but focus on the business aspects of running a farm.
Game Manager	directs development and implementation of game species, monitors the population and harvesting of these animals.
Herpetologist	studies reptiles and amphibians
Mammalogist	studies the functions and properties of mammals
Medical Entomologist	studies insects and arthropods and how they affect humans. They also study arthropod disease vectors such as ticks and how these parasites affect human health

Animal

Nematologist	studies nematodes which are roundworms. Many are parasites that can affect plants and animals
Ornithologist	studies of birds; they use birds to test hypotheses for specific questions
Parasitologist	studies parasites
Pest Control Specialist	regulates and controls pests in the field or in the home environment
Plant Pest Control Inspector	eradicates, contains, or controls pests of plants which could cause significant economic damage to agriculture, our environment, and quality of life. Also certifies and inspects seeds.
Poultry Scientist	studies how behavior, management, and/or physiological variations interact with the environment to improve efficiency and well being of poultry.
Protozoologist	studies protozoans which are single-celled organism that can move and feeds on organic compounds of nitrogen and carbon
Taxidermist	mounts animals for display or for other sources of study, may practice professionally, for museums or as a business catering to hunters and fishermen, or as amateurs, such as hobbyists, hunters, and fishermen
Taxonomist	descriptions, identifications, names, and classifies organisms.
Veterinarian	cares for animals. There are many branches of medicine including companion animal medicine (dogs, cats), production medicine (livestock), equine medicine (sport, race track), and laboratory animal medicine
Veterinary Hospital Assistant	provides assistants to veterinarians in treating animal diseases. They make sure the veterinary hospital is running smoothly
Zoo Director	is responsible for zoo operations and development and implement zoo policies

Plant

Arboriculturist	is involved with the culture and artistic planning and trimming of trees
Agricultural Economist	takes into consideration ways to increase profits in agriculture, and studies and analyzes the aspects which influence the agricultural economy, and giving advice.
Agronomist	studies issues including producing food, creating healthier food, managing environmental impacts, and creating energy from plants. They can specialize in areas such as crop rotation and irrigation
Assistant U.S. Forest Ranger	protects and preserves natural resources; provides support to the Forest Ranger Division
Botanist	performs research on plants, algae, and fungi.; studies the aspects of these organisms including structure, growth, reproduction, and diseases
Economic Botanist	studies the processes in plants that occur on a time scale ranging from fractions of a second in individual cells to those that unfold over evolutionary time. They can be employed at educational institutions, federal and state agencies, and in industry
Floral Designer	arranges flowers into displays of various sizes and shapes. They design displays by selecting flowers, containers, and ribbons and arranging them into bouquets, corsages, centerpieces of tables, wreaths, and the like for weddings, funerals, holidays, and other special occasions. Most work in small independent floral shops. Floral designers may meet with customers to discuss the arrangement or work from a written order.
Forest Pathologist	finds cures for virulent illnesses that harm forests and isolate the causes of tree disease.
Forester	manages forests by performing a variety of activities such as timber harvesting, ecological restoration and management of protected areas.
Forestry Technician	helps to preserve the forests by maintaining a balance between ecological and economical aspects
Greenhouse Manager	cares of greenhouse facilities, and identify plants and look for diseases. They also supervise the other greenhouse personnel.
Horticulturist	researches crop production, genetic engineering, plant breeding, and plant physiology and biochemistry
Landscape Architect	plans and designs landscaping projects.
Mycologist	studies fungi, including their genetic and biochemical properties, their taxonomy, and their use to humans
Nursery Owner	oversees the daily operations and provide a link between growers and wholesalers or the general public. They watch for changes and trends in the tree industry and watch their inventories to avoid damage to the trees. They enjoy working outdoors and need a wide range of knowledge from soils, trees species, diseases, design ideas along with public relation and sales skills.
Park Ranger	protects and preserves parks, wilderness areas, as well as other natural resources and protected cultural resources. The profession includes a number of disciplines and specializations such as maintenance, emergency response, and administration
Phytopathologist	studies diseases of plants

Plant

Plant Breeder	manipulates a plant species to create genotypes or phenotypes and to improve varieties and genetic stocks
Plant Physiologist	studies the physical, chemical, and biological functions of plants. They also study the effects of genes on plant growth, flowering, and seed yield. They have a background in botany, chemistry, biology, and math along with being able to write and communicate well.
Plant Propagator	applies knowledge of environmental controls and plant culture, works with management to determine the type and number of species to develop and revise nutrient formulas and environmental control specifications
Plant Quarantine Inspector	inspects plants for the presence of certain pests and finding ways to protect plants from these pests
Tree Surgeon	pruns trees or treats diseased or damaged trees for example, by cutting off its branches
Viticulturist	monitors and controls pests and diseases, fertilizes, irrigates, monitors fruit development, and decides when to harvest the vineyard.
Weed Scientist	teachs, performs research, and works in extension at universities. Some work for state and federal agencies conducting research and developing regulations for biological and chemical control agents. Weed scientists also work for agricultural chemical firms in research, development, and sales. Some work in research, development, or regulation for private research firms. Others diagnose problems in the field or establish weed management systems for private crop management or consulting companies.
Wood Technologist	converts trees into products such as plywood, sawn timber, or treated poles

Aquatic

Algologist	studies algae.
Aquaculturist	cultivates marine or freshwater food fish
Aquarium Director	oversees the operation of aquariums and the exhibition of aquarium animals.
Aquatic Biologist	works with living organisms that are found in water such as lakes, ponds, and oceans. They study the environmental impact of industry and human expansion on the living organisms in the water as well as provide recommendations for laws, policies and guidelines for future development and expansions.
Aquatic Ecologist	studies the ecosystem near coastal and estuary environments; need skills in communication, statistics, fisheries, modeling technical writing, and boat operation. Most jobs require at least an M.S. degree.
Crab Mariculturist	cultivates marine organisms for food and other products such as fish meal, culture media or nutrient agar, jewelries
Fish Culturist	cares for and feeds fish that have recently hatched; care for incubating fish eggs; observes fish eggs for common bacterial and parasitic fish diseases; removes defective eggs; calculates appropriate feeding; conducts weekly fish sample counts; prepares fish for shipment and stocking; transports fish to stocking location and releases; maintains sanitary up keep of fish hatchery. Monitors and maintains water quality at fish hatchery; performs daily water quality testing
Fisheries Biologist	studies fish including their history, diseases, and effects of pollutants on fish populations. Most fisheries biologists work for federal agencies, universities, or corporations
Ichthyologist	studies fish, involving field study, laboratory work, reading research literature, writing up research results and lecturing
Limnologist	studies running and standing waters, both fresh and saline, including their biological, physical, chemical, geological and hydrological aspects. This includes the study of lakes and ponds, rivers and streams, wetlands and groundwater.
Marine Biologist	studies the behavior and physiology (functioning in the physical and chemical environment) of marine mammals, do observations on population sizes and migration routes, make population models to help conserve marine species
Marine Engineer	operates and maintains the propulsion and other systems of a ship.

Aquatic

Marine Life Technician	repairs and adjusts the electrical and mechanical equipment of inboard and outboard boat engines. They also may work on propellers, steering mechanisms, marine plumbing, and other boat equipment.
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Education

Communication Media Specialist-Radio-TV	responds to media questions, writes news releases, develops relationships with reporters, tracks and reports media results, work with those in clinical and research environments, identifies important medical and research stories
Cooperative Extension Service Worker	collects and analyzes data, provides educational resources and programs for areas including public policy and agriculture and prepare activities for these areas.
Genetic Counselor	counsels those who are concerned with the risks, treatments, and management of inherited genetic disorders with some likelihood of being affected by them, either personally or as parents
Museum Technician-Curator	cares for the displays and makes decisions about what to include in the museum
Natural Sciences Research Curator	collects and organizes artifacts related to the natural sciences, they apply for grants in order to acquire collections for the museum and coordinate research related to natural science.
Nature Center Director	oversees all facilities needs pertaining to the educational and project-related activities, including teaching and storage barns; management of greenhouse and nursery operations, design and management of demonstration gardens, including diverse row crop production, tree crops and livestock
Park Naturalist	teaches about the history, science, wildlife, and plants to others. They find out the number of animals and plants, where they live, and how to save their habitat. They also help to protect people, property, and landmarks of parks when needed.
Peace Corps Representative	promotes peace and works to achieve a goal for a host country which is normally having hardships
Research Institute Librarian	keeps records of books and journals, making sure they have the latest research information and assist people in accessing research tools
Science Librarian	keeps records of faculty research at universities as well as providing up to date information about science publications
Science Writer	specializes in writing about science topics. They have to be capable of understanding complex science while at the same time being able to communicate it to others in more simple terms.
Teacher	educates students on scientific topics

Environmental

Ecologist	studies the relationship between organisms and their environment
Environmental Impact Analyst	provides environmental consulting services to industrial, governmental, and private clients. They provide a range of consulting services; they assist clients in identifying specific regulatory responsibilities and provide technical knowledge to acquire State and Federal permits and supporting environmental documentation.
Environmental Physiologist	focuses on efforts to understand the effects of environmental agents on cell signaling pathways and other cellular functions that lead to diseases
Environmental Planner	integrates urban planning with the environmental planning by making sure that the water, air, and rock resources will not be disturbed and maintained.
Environmentalist	is concerned for the resources in the environment and advocates protection of the air, water, plants and animals, and natural resources
Foreman in Radiochemistry	oversees the use of radioactive substances
Industrial Hygienist	identifies chemical, physical, biological and ergonomic health hazards in the construction worksite and related facilities, developing industrial hygiene monitoring protocols and control measures for health hazards
Industrial Waste Specialist	enforces regulations set by the EPA and city regulations, collect water from industrial facilities, use pH, conductivity and oxygen meters to test samples, and prepare and present industrial reports
Meteorologist	studies weather processes and the atmosphere
Park and Golf Course Superintendent	supervises the operation and development of a golf course and its facilities. Duties include planning, organizing, assigning and reviewing the work done at the park.
Range Manager	uses rangelands to form watersheds, grazing for livestock and even for recreation
Sewage Plant Operator	adds chemicals to water, conduct water testing, record data on water treatment periods, and maintenance
Soil Scientist	studies the upper part of the earth's crust and research its chemical, biological, and physical properties.
Waste Disposal Engineer	deals with and oversees various aspects of waste disposal.
Water Engineer	coordinates the public and private sector water and wastewater systems, including the administration of the City's sewer line extension participation program.
Water Quality Specialist	reads and interprets meters and gauges to make sure plant equipment and processes are working properly and adjust controls as needed. They operate chemical-feeding devices; take samples of the water or wastewater; perform chemical and biological laboratory analysis; and test and adjust the amount of chemicals such as chlorine in the water.
Watershed Manager	They understand the science behind water resources management and have skills in public relations, policy-making, and program evaluation.

Research

Anatomist	studies human anatomy or comparative anatomy across the animal kingdom.
Anthropologist	studies the origin, the behavior, and the physical, social, and cultural development of humans.
Archaeologist	studies past human cultures by the recovering and analyzing material remains and environmental data with the goal of understanding human beings
Bacteriologist	studies bacteria, especially in relation to medicine and agriculture. They design and conduct experiments, understand health and safety issues, make observations and draw conclusions, writing reports and scientific papers, present papers at scientific meetings and conferences
Bioanalyst	performs quantitative analysis on biological samples
Biochemist	studies chemical processes and chemical transformations in living organisms. Research in biochemistry goes to the study the effects of foods, drugs, allergens and other substances on living tissues. Biochemists frequently work in the pharmaceutical/biotechnology industry or academia
Biological Engineer	takes the concepts and ideas from engineering and apply them to biological functions and systems
Biologist	deals with all forms of life, including their classification, physiology, chemistry, and interactions
Biomedical Engineer Technician	plans and conducts research concerning biological, psychological, behavioral, and other life systems that affect the health of patients. They work in medical, academic, industrial, and governmental research laboratories
Biometrician	advises researchers who are planning experiments, or they analyze data for trends and underlying relationships. Sometimes they forecast future conditions of resources such as forests. They work for state agencies seeking staff support for research, planning, or information management; federal research organizations; private firms with large research programs; or large environmental consulting firms.
Biophysicist	applies physics concepts when studying living organisms, they use a quantitative method when attempting to answer questions related to molecular biology or biochemistry
Biostatistician	collects, summarizes, and analyses of data from experiments and they interpret the results. Almost all educational programs in biostatistics are at postgraduate level. They are most often found in schools of public health, affiliated with schools of medicine, forestry, or agriculture or as a focus of application in departments of statistics.
Biotechnologist	uses organisms such as yeast and bacteria for industrial purposes
Cell Biologist	studies cells and their structural properties, life cycle, their interaction with the environment, and their organelles
Cell Culture Operator	makes cell cultures and establish and maintain cell culture lines
Cell Physiologist	studies the cell's mechanisms and interactions in its environment.
Chemical Technician	assists scientists in chemical and physical tests, operate and maintain equipment
Chemotaxonomist	classifies organisms based on differences at the biochemical level

Research

Crime Lab Technician	takes on the responsibilities for the documentation, collection, preservation, and transportation of physical evidence from crime scenes and autopsies, including the fingerprint processing of evidence items and vehicles. They are also responsible for processing and collecting evidence from suspects, witnesses, victims, and deceased individuals.
Cytogeneticist	studies chromosomes and cell division. It is a branch of genetics that can determine which chromosomal translocations are present in the malignant cells, facilitating diagnosis and susceptibility to treatment.
Cytopathologist	studies cells in disease, also known as a cellular pathologist.
Cytotechnologist	works with pathologists to detect changes in cellular material from all body sites in the early diagnosis of cancer and other diseases. Physicians use the information supplied by the cytotechnologists to make a diagnosis. They work in hospitals, private laboratories, research or teaching positions. Cytotechnologists always work under the supervision of a pathologist.
Data Collector	collects data for biological experiments.
Developmental Biologist	studies how organisms grow and develop, they study the changes that occur in the organism as it goes through its life cycle
Electron Microscope Technician	prepares and photographs materials on an electron microscope and prepares materials for use in laboratories.
Embryologist	studies the changes that an organism undergoes from a fertilized egg to birth, reasons for studying embryos include embryo transplants and obstetric medicine
Field Biologist	combines the principles of biology, the physical sciences and mathematics to study the diversity and interactions of plants, animals and microorganisms in their natural environments. They include field biologists include ecologists, zoologists, botanists, population biologists, taxonomists, physiologists, wildlife and fisheries biologists, microbiologists and others.
Food Technologist	looks at the physical and chemical makeup of food and find better ways to process, preserve, or store food, according to industry and government regulations
Forensic Pathologist	determines the cause of death by examination of a cadaver. The autopsy is performed by the pathologist at the request of a coroner or a medical examiner. Forensic pathologists are also frequently asked to confirm the identity of a cadaver.
Forensic Service Technician	investigates crimes by collecting and analyzing physical evidence
Geneticist	works in research that includes genetic counseling, gene therapy, and pharmacogenomics to name a few. Most geneticists complete at least a four year bachelor's degree.
Histologist	studies cells and tissues of plants and animals by staining the tissues and examining them under a microscope.
Immunologist	studies all aspects of the immune system in all organisms, with a narrowed research focus depending on individual interests.
Laboratory Immunologist	works in a laboratory to study immunological issues.

Research

Laboratory Manager	plans the overall laboratory policies and procedures for a unit and/or shift. Ensures effective departmental operations. May require a bachelor's degree and at least 7 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. A wide degree of creativity and latitude is expected. Typically reports to a head of a unit/department.
Laboratory Technician	performs specimen collections (when indicated) and laboratory analysis according to established protocol, assesses the plausibility of results, performs scheduled maintenance and troubleshooting of laboratory equipment, operates LIS functions as pertains to assigned duties, maintains appropriate levels of supplies and reagents, keeps abreast of new technical and theoretical procedures, departmental policies and procedures, and continuing education.
Microbiologist	studies bacteria, the effects of microbes on the environment, and even specialize as doctors who diagnose those infected with microbial diseases
Microscopist	studies objects which are too small to be easily viewed by the human eye
Morphologist	studies of the structure of plants and animals
Naturalist	studies plants and animals based on observation
Paleoecologist	studies groups of organisms that lived in the past by looking at fossils
Paleontologist	studies about our earth's history by studying the fossils of animals from many years ago. They use the fossils to determine how long ago the animal lived and where it came from.
Palynologist	examines minute microfossils and especially pollen grains and spores liberated from plant communities living in the geological past. Palynology is an interdisciplinary science involving geology and botany.
Pharmacologist	tests how the body will interact with certain chemicals, they perform experiments on living things to see how various drugs will affect the organisms, and they can work in research labs, manufacturing, or medical writing.
Physiologist	studies of the mechanical, physical and biochemical functions of living organisms. Their goal is to understand how physiological traits changed throughout the evolutionary history of animals
Plant Biochemist	studies membrane structure and function, hormone responses, cell-cell interactions, gene regulation, and synthesis and transport of secondary metabolites in plants. They perform basic research on the plant plasma membrane, its transport capacities and its role in hormone responses and defense responses towards invading pathogens. They also do research on membrane protein complexes involved in photosynthesis and respiration.
Population Geneticist	studies allele frequency distributions and change under the influence of the four evolutionary forces
Process Engineer	works on designing and maintaining chemical and material processes. They often work in industries including food and pharmaceutical industries
Radiobiologist	studies and performs research on the effects of radiation on living things.
Research and Development Biochemist	works in biotechnology companies. They study chemical reactions related to processes such as growth and metabolism

Research

Research Associate	conducts research under the direction of a research advisor at a university or company
Research Technician	conducts daily experiments that are critical to project deadlines. Work closely with project managers to assist with experiments, meet deadlines, and generate formal reports.
Social Ecologist	addresses issues involved in the relationships between human populations and their environments
Sociobiologist	studies the biological determinants of social behavior.
Staff Research Associate	uses their scientific knowledge to perform research as part of a larger research team for experiments and teaching.
Statistician	measures, interprets, and describes the world and human activity patterns within it. They work in the areas of production, research, finance, medicine, the built and natural environments, insurance and government. They often are employed to support managerial decisions or to supervise quality control in manufacturing.
Toxicologist	studies of symptoms, mechanisms, treatments and detection of poisoning, especially the poisoning of people.
Virologist	studies all aspects viruses.
Vegetable Scientist	studies crops to improve the quality and quantity of their produce. The develop vegetables that are better for human nutrition, and improve the aesthetic quality of our environment.

Conservation

Biological Consultant	provides assistance in project management, wildlife species inventories, wildlife habitat management and restoration, and many other areas
Conservation Warden/ Ranger	enforces state and federal law concerning wildlife, the environment, boating, hunting, and fishing.
Forest Economist	looks at potential forestry land purchases, analyze economic systems
Natural Resources Manager	combines economics, policy, and science to study, manage and restore natural resources and ecosystems. The field is applicable in wilderness, recreational, agricultural and urban areas to sustain and support fish, wildlife, and plant communities and in addressing problems associated with the management of our natural resources.
Park Technician	performs tasks such as the repairing and maintenance of parks
Recreation Manager	performs a wide array of tasks which include planning athletic programs, plays, camps. They keep the city informed of any upcoming activities.
Wildlife Conservation and Management Specialist	maintains the wildlife in order to provide benefits for the environment and the public, they manage habitats using solutions related to science
Forest Products Technologist	studies all uses of wood by the construction, paper, and paperboard industries.
Extension Agent	teaches information and gives guidance to the public on community, youth and human development issues as well as agricultural, environmental, economic and rural concerns.

Other

Biological Illustrator	produces illustrations of a range of biological organisms and processes. A strong biology background is recommended.
Biological Photographer	takes images of a variety of subjects to illustrate or record scientific or medical data or phenomena, using knowledge of scientific procedures. They are knowledgeable in areas such as engineering, medicine, biology, or chemistry.
Biological Quality Assurance Manager	uses their expertise in biology to ensure that quality standards are upheld in a number of biologically-related fields.
Director of Management Engineering	sets specific goals to be accomplished at a hospital, they consult with hospital leadership to develop productivity models, oversee and improve daily operations
Food and Drug Inspector	monitors all manufactured products, such as foods, textiles, clothing, glassware, cars, electronic products, and computers. Most inspectors are involved in fieldwork
Food Processing Manager	makes sure that the food processing environment remains sanitary, supervise and train employees, perform inspections
Home Economist	studies the science of home management, usually including studies in nutrition, the purchase, preparation, and service of food, interior design, clothing and textiles, child development, family relationships, and household economics.
Manager of Quality Assurance and Shipping	works on improving the quality of production and monitor the shipping and freight delivery for companies.
Materials Engineer	selects materials, improve their properties, lower their processing cost and increase their durability.
Meat and Poultry Food Inspector	does the duties of the day-to-day in-plant inspection of animals before and after slaughter, ensures the plant is operating within its written plans for sanitation, and processing. They also make sure that products imported from other countries are as safe as those produced domestically.
Plant Manager	maintains plant operation and establish plant policies and procedures. They maintain community relations and are in charge of the staff.
Sales Representative	sells biological supplies and materials.