

Food Processing Plant Manager

Description

Food Processing Plant Managers direct and coordinate activities concerned with the safe production of quality company products to ensure timely completion. They manage materials, packaging, and raw materials such that all materials are available to meet scheduling requirements on a timely basis by working closely with the purchasing and inventory manager, ensuring plant safety through compliance with safety standards, achieving compliance for product quality, food safety, and food defense as issued by the QC (Quality Control) Department, while maintaining overall plant efficiency and managing cost and manufacturing components.

Education

The majority of Food Processing Plant Managers have a bachelor's degree, however, it's possible to become one with only a high school degree or GED. 20% of Food Processing Plant Managers major in animal science. Some other common majors for a food processing plant manager include engineering and veterinary medicine majors.

Salary

A Food Processing Plant Manager makes on \$115,538 on average.



Grain Operations Manager

Description

A grain operations manager oversees daily operations at a grain elevator or other grain storage facility. As a grain operations manager, you manage workers, direct them in the loading and unloading of grains from trucks or rail cars, monitor grain mixing, and ensure the quality of the grain and storage. Your responsibilities include performing maintenance on the equipment at the facility, including the pneumatic conveyors or bucket elevators that lift grain into silos or bins, and handling all customer orders and shipments.

Education

The qualifications to work as a grain operations manager typically include a high school diploma or equivalent and several years of experience at a grain elevator or similar facility. Some large facilities prefer candidates who have advanced training or education in agriculture or agricultural business.

Salary

The average annual pay for a Grain Elevator Superintendent is \$62,822 a year.



Crop Consultant

Description

A crop consultant, also known as a crop advisor, advises farmers about what types of crops to plant in a particular area. As a crop consultant, your job is to consult closely with your clients about soil, seeds, budgets, and other environmental conditions, such as rainfall and humidity. You also maintain close relationships with suppliers, such as seed banks and fertilizer companies. A crop consultant is also very knowledgeable about crop diseases, pests, and other issues that may plague a farmer's crops.

Education

To begin your career as a crop consultant, earn an agricultural-based degree studying agronomy, soil management, or a closely related field in environmental science. Prior experience working in agriculture, such as internships at a farm or an agriculture business, can give you a leg up when looking for jobs. Earning your Certified Crop Advisor license is also a plus. Useful skills include strong analytical problem-solving, verbal and written communication, and excellent customer service.

Salary

A Crop Consultant, on average, makes an annual salary of \$53,402.



Irrigation Consultant

Description

Irrigation consultants work with municipal, corporate, and residential clients to design and manage irrigation projects for new construction and enhancements to existing landscapes. Consultants review the building site, water availability, and other constraints for each project, then design an irrigation system that meets the client's requirements and budget. They develop detailed drawings that specify which types and brands of products should be used and how they should be installed. Depending on the client and project size, they may also oversee the bidding process, recommend contractors, and monitor installation to ensure that plans are being interpreted and implemented correctly.

Education

A bachelor's degree in agricultural engineering, agronomy, or agricultural business. Typically, irrigation consultants have completed a training program as a landscape architect or landscaping technician, and some have gained work experience in a range of irrigation positions. Technical drawing skills are an absolute requirement – technical drawing or AutoCAD® programs are available at the community college level.

Salary

The average salary for an irrigation consultant in the United States is \$59,996.



Precision Ag Specialist

Description

Precision agriculture specialists provide support and technical assistance to growers who are using precision technologies. They implement actual work of grid and contour differential global positioning systems for soil sampling and differential global positioning systems, variable rate application of lime and nutrients, and practical application of record keeping and nutrient management plans. They also develop informational and recommendation maps, provide training for other retail employees in precision agriculture, interpret satellite remote sensing to identify and map field variability, prepare fertility, fungicide, and seeding maps and recommendations, and understand and participate in the business plan and strategies.

Education

A bachelor's degree in agricultural engineering, agronomy, or agricultural business. A certified crop adviser certification may also be required. Prior sales experience can be a bonus. These positions also prefer candidates with several years of hands-on experience with agricultural equipment, and at least one to two years of experience with precision agriculture technologies.

Salary

The average annual salary of a Precision Agriculture Specialist is \$65,433.



Biosystems Engineer

Description

Biological Systems Engineers develop the techniques and processes for living systems, including microbes, plants, and animals. They provide input to produce and process food, fiber, energy, chemical feedstock, and pharmaceuticals. Emphasis is placed on protecting and conserving our natural resources, including efficient use of soil and water, environmental protection of air and water quality, and bio-based remediation of contaminated soils.

Education

Bioengineers and biomedical engineers typically need a bachelor's degree in bioengineering, biomedical engineering, or a related engineering field. Some positions require a graduate degree.

Salary

The average annual salary of a Biological Systems Engineer in the United States is \$98,360.



Sales Rep - Equipment & Ag Systems

Description

Sales representatives specializing in agricultural equipment, ag systems, or precision agriculture technology optimize retail sales of their products to an assigned territory. They often travel to locations within an assigned territory to negotiate orders for seeds for crops, pesticides, fertilizer, garden equipment, and food for animals, as well as livestock. The duties of an agricultural sales representative include finding potential clients, educating customers on the installation, operation, and maintenance of machines, recommending products, managing inventory, and preparing contracts and reports. An ag sales rep may attend trade shows and conferences regularly to stay current on industry trends.

Education

The qualifications you need to become an agricultural sales representative typically include a bachelor's degree in agribusiness, agriculture, economics, animal or crop science, or a related field.

Salary

The average annual pay for an Equipment and Ag Services Sales Representative is \$60,641.



Research & Development Engineer

Description

An R&D engineer's duties depend on the industry they work in, the products they develop, and the existing products sold by the company they work for. Despite this, they have some common duties, which often include designing a variety of products, drawing product sketches, determining product dimensions and creating mockups of proposed products, developing ideas for products and leading the product development through to fruition, leading project teams and managing all team members to ensure project completion, and creating detailed plans with various teams including the engineering and marketing teams to manage product development and production. Overall, they aim to improve their company's current technologies and develop innovations to elevate the organization's position in their industry and market.

Education

While not all employers require you to have a bachelor's degree as an R&D engineer (or in a related field like engineering or biotechnology), it's often a preferred qualification. An industry-related or R&D-specific work history is often required. Consider applying for an industry-related internship that can help you gain skills relevant to this job position.

Salary

The average annual pay for a Research And Development Engineer in the United States is \$92,666 a year.



Water Resource Engineer

Description

A water resource engineer designs and oversees the building of new dams, reservoirs, canals, pipelines, and water supply systems. They also oversee the design and construction of sewage treatment plants and ensure the plant operates within environmental regulations. They determine whether the area supports the water infrastructure, identifying any conditions that may affect the performance of a dam or levee by taking soil samples to test for contaminants such as bacteria and heavy metals. Additionally, they study how changes to aquatic habitats impact wildlife and marine life and develop complex computer models based on environmental studies and weather data. Finally, they research new methods for supplying drinking water to growing populations in urban areas and engage in research studies that help prevent the spread of disease.

Education

To pursue a career in water resource engineering, most candidates earn a bachelor's degree and a master's degree in civil engineering. Additionally, they must apply to receive a certificate from the American Academy of Water Resources Engineers.

Salary

In the United States, the average annual salary for a Water Resource Engineer is \$86,283.



Soil Scientist

Description

Soil scientists study soil characteristics, map soil types, and investigate responses of soils under certain conditions. They provide advice on rural or urban land use, perform chemical analysis on micro-organism content of soil, investigate responses of specific soil types to soil management practices, conduct experiments on farms or experimental stations to determine best soil types for different plants, and initiate and implement research and development programs for soil research. Soil scientists should be practical, work well as a team and individually, be analytical, and have strong communication, writing, planning, organizing, and problem-solving skills.

Education

A bachelor's degree in chemistry, crop science, soil science, biology, or a related field, such as horticulture, plant physiology, or environmental science is required to become a soil scientist. There are some positions, especially those that are more research-driven, that require a master's or doctorate degree. Those degrees, along with experience, are needed for more administrative-level positions in the field.

Salary

On average, soil scientists earn around \$73,216 per year.



Plant Geneticist

Description

Plant geneticists research to understand, improve, or create new varieties of plants or crops. Looking at a plant's DNA, they can examine ways to improve the shape, size, production level, pesticide, and disease tolerance. A plant geneticist may create budgets for research projects and potentially seek funding, cross-breed plants to breed new subjects for trials, record data on plants in trials, identify genes that are responsible for certain plant features and functions, tend to trials grown in greenhouses and fields, maintain thorough records of research conducted, look for ways to genetically engineer crops productively, and supervise the work of field and laboratory workers.

Education

A bachelor's degree in biology, botany, or biochemistry is required. Depending upon the employer and nature of the job, a master's degree or doctorate (especially if doing research or teaching) may be required.

Salary

The average annual salary for a Plant Geneticist is \$84,815.



Botanist

Description

Studies plants and their environment, and may specialize in the identification and classification of plants. A botanist's responsibilities can include identifying new species of flora and fauna, conducting research in fields such as ecology, genetics, evolution, conservation biology, systematics, physiology, taxonomy, and plant breeding, measuring plant growth to determine how different conditions affect growth rates, maintaining the greenhouses and laboratories where samples are stored or studied, collecting specimens of plants, algae, fungi, mosses, etc. for study and classification in herbariums or laboratories, diagnosing plant diseases and recommending appropriate treatment methods, and preparing reports and giving presentations about research findings at professional conferences.

Education

Botanists need a bachelor's degree, often in botany or biology (sometimes horticulture or agriculture). Many botanists choose to pursue a master's or doctoral degree to increase their earning potential and qualify for more senior-level positions. A master's degree takes two years to complete and a doctoral degree takes four years. Courses in these programs include advanced biology, ecology, genetics, and plant physiology.

Salary

The average annual salary for a Botanist is \$50,705.



Weed Scientist

Description

Weed scientists play an important role in managing vegetation. This may include identifying weeds and learning how to combat them or determining how herbicides interact with plants, offering suggestions on weed control methods to landowners both through chemicals, cover crops, and mechanical means, developing weed control products, recommending or selling weed control products, work to find chemical formulations that are effective in killing resistant weeds, study the environmental and human health impact of chemicals that could be used, and plant crop trials both in fields and greenhouses to use for research.

Education

To prepare for a career in weed science, you need a bachelor's degree in agronomy, biochemistry, biology, chemistry, ecology, horticulture, plant physiology, soil science, or a related field. For a research position in academia or industry, an advanced degree is typically a prerequisite.

Salary

The national average annual salary of a Weed Scientist is \$65,434.



Plant Scientist

Description

Plant scientists play an important role in maintaining the nation's food supply by ensuring agricultural productivity and food safety. They look for ways to improve crop yield with less labor, control pests and weeds more safely and effectively, conserve soil and water, and some look for ways to use agricultural products for fuel. These scientists not only help increase productivity but also study ways to improve the nutritional value of crops and the quality of seed, often through biotechnology. Some plant scientists study the breeding, physiology, and management of crops and use genetic engineering to develop crops that are resistant to pests and drought. They also develop new technologies to control or eliminate pests and prevent their spread in ways appropriate to the specific environment.

Education

A bachelor's degree is the minimum requirement. Students preparing for careers as plant scientists should take college courses in plant pathology, entomology, plant physiology, and biochemistry, among others. A master's or doctoral degree is required for research. Advanced degree programs in plant science often include classroom and fieldwork, laboratory research, and a thesis or dissertation based on research.

Salary

In the United States, the average annual salary for Plant Scientists is \$66,496.



Plant Physiologist

Description

A plant physiologist studies how plants function, specializing in the physical, chemical, or biological functions of particular plants. Specific areas of study might include tree root structures, enzyme patterns, gene mutation, pollination, protein synthesis, genetic expression, and flower pigmentation. Plant physiology is subsection of botany and may include elements of similar specializations. The goal is to add to the global collection of scientific plant knowledge. Many different areas of study might define the work of a plant physiologist, ranging from soil fertility to agricultural sustainability. Many plant physiologists work in affiliation with a university. Professionals who work in an educational setting may also teach classes or mentor students in their labs while completing independent professional research.

Education

Plant physiologists need at least a master's degree, and research/instruction typically requires a doctorate. Some graduate programs in this area of study skip the master's program. Several undergraduate majors can prepare you for graduate study in plant physiology, including botany, biology, and agronomy. Some programs may even allow you to specialize in this area.

Salary

The average salary for a Research Plant Physiologist is \$ \$79,286 in the United States.



Biochemist

Description

Biochemists study life forms, their composition functions, and how they are affected by chemical processes. They conduct research, perform experiments, and record information to better our understanding of life and death. A biochemist may have responsibilities such as: identifying new areas of beneficial research in the bounds of a company's market, creating a working hypothesizes of function for all potential bio-products, designing experiments to test hypothesizes, conducting all experiments within the guidelines of the scientific standards, and condense and compile findings into reports for management to review.

Education

Biochemists and biophysicists need a Ph.D. to work in independent research and development. Many Ph.D. holders begin their careers in temporary postdoctoral research positions. Bachelor's and master's degree holders qualify for some entry-level positions in biochemistry and biophysics.

Salary

The average annual salary for a Biochemist in the United States is \$75,684.



Hydrologist

Description

A hydrologist is a scientist who studies water and its movement around the planet, how water affects its surrounding environment, and how environmental factors affect the quantity and quality of available water. Hydrologists determine how to best manage water resources and examine how human activities impact them. They are primarily problem solvers. They may identify water resources for cities or individual facilities, help control floodwaters from a river, decide how to clean up pollution in a coastal wetlands region, identify ideal sites for hazardous waste disposal, and monitor groundwater aquifers.

Education

Undergraduate degree programs in hydrology are rare. Instead, aspiring hydrologists can earn an environmental science degree. Many hydrologists earn a master's degree specific to hydrology before beginning work in the field. Alternatively, students might look for a program in geosciences or environmental science with a concentration in hydrology. After a few years of work experience, professionals can earn their doctoral degree. This is typically a requirement for individuals who want to work a faculty or advanced research position.

Salary

The average annual salary for a Hydrologist is \$94,559.



Conservationist

Description

A Conservationist is responsible for improving, protecting, and managing the earth's natural resources. They work closely with private landowners, farmers, and governments. They may have the following responsibilities: research or study conservation practices to provide sustained production of forage, livestock, and wildlife; develop technical standards and specifications used to manage and protect natural resources; maintain soil stability and vegetation for wildlife habitats and outdoor recreation; manage forage resources through fire, herbicide use, or re-vegetation; plan and direct construction and maintenance of conservation improvements such as watershed research and soil-erosion control structures; or study forage plants and their growth requirements to determine varieties best suited to the area.

Education

A bachelor's degree in natural resources, crop science, soil science, biology, or a related field (such as horticulture, plant physiology, or environmental science) is required. Positions that are research-focused require a master's or doctorate degree.

Salary

Conservationists earn an annual average salary of \$69,020.



Climatologist

Description

The job of a climatologist is varied and exciting. A climatologist might do hands-on research, such as taking water or soil samples, then analyze and report on the data. They may present their research at seminars or conferences, or provide an analysis of other research to employers, government officials, or other interested parties. Climatologists can also be problem solvers, applying the research to address local climate issues or to determine how to best work under different climate conditions. For example, they can work with or as weather forecasters to improve accuracy by developing new measurement tools and statistical models; conducting simulations; and translating findings into simpler terms for the public.

Education

A bachelor's degree in meteorology or climatology (or in a closely related field with courses in climatology/meteorology) is the minimum educational requirement. A master's degree is necessary for some positions, and a Ph. D. is required for most research positions.

Salary

The medial annual salary for climatologists is \$99,740.



Environmental Scientist

Description

An Environmental Scientist applies their knowledge to develop ways to improve the environment and human health. Their duties include analyzing samples of food, soil, air, and water; creating plans to prevent common environmental issues, and educating organizations and the public on potential environmental health hazards. Their job responsibilities may include: collecting and scientifically analyzing soil, air, and water samples to determine the level and cause of environmental contamination, developing solutions to control, fix, or prevent environmental problems, conducting environmental research projects, and preparing reports and presentations on their findings, or advising governmental organizations, businesses and the public on potential environmental hazards and health risks.

Education

A bachelor's degree in environmental science or a science-related field is needed for an entry-level job such as a field analyst or research assistant. For more advanced positions, a master's degree is often required. Further degrees can open opportunities as researchers or faculty at colleges and universities. Most colleges offering environmental science programs include an internship for students to gain field experience.

Salary

The median annual wage for environmental scientists and specialists is \$76,530.



Agronomist

Description

Agronomists work with farmers to help them grow crops in a way that is sustainable and profitable. They may focus on specific areas, such as soil science, plant genetics, irrigation systems, etc. Their responsibilities include conducting chemical analyses of soil samples to determine nutrient or pH levels, developing chemical applications to control pests in crops, creating proposals for new products based on their findings, conducting research on crop rotation patterns, pesticide use, and farming techniques, conducting surveys of land, designing irrigation systems, conducting experiments on crop growth rates to determine optimal planting times, providing guidance to farmers, and monitoring insect populations to mitigate their damage.

Education

Agronomy typically requires a bachelor's degree in agriculture. Some universities offer an agronomy concentration. Many agronomists pursue a master's degree. Most agronomists will get on-the-job training in their first year, which will help them learn the specific practices and procedures of the company. Agronomists must pass the CPA exam to earn a license, and they often need at least 5 years of relevant experience.

Salary

The average annual pay for a Grain Elevator Superintendent is \$62,822 a year.



Data Analyst

Description

A Data Analyst uses their knowledge of data to suggest sound business decisions to company executives. They collaborate with other data professionals to extract data figures, create reports, monitor key performance indicators (KPIs), collaborate with business leaders to identify opportunities for improvement, create reports for internal teams and/or external clients, collaborate with team members to collect and analyze data, use graphs, infographics, and other methods to visualize data, structure large data sets to find usable information, and work with a team of analysts and other associates to process information.

Education

A bachelor's degree in computer science, statistics, or information systems can give you the foundational technical skills you need as a data analyst. As data collection, management, and analysis become more complex and technology advances, many employers are in search of candidates with master's degrees.

Salary

The average annual pay for a Data Analyst is \$79,563.



Food Scientist

Description

Food scientists develop new foods, food manufacturing methods, and monitor existing food processing. Many work for private companies; others work for government agencies or universities. Food science careers are becoming increasingly hi-tech with use of biotechnology and nanotechnology. A food scientist may be responsible for analyzing and improving the nutritional value of the foods people eat or developing entirely new foods and improving existing food production methods. Some monitor food processing, preservation, and storage to ensure that foods are manufactured and packaged using methods that are safe and sanitary.

Education

A bachelor's degree in agricultural science with a concentration in food science is the most common route for those interested in becoming a food scientist. Earning this degree typically takes four years. Basic courses include biology, botany, chemistry, and principles of statistical analysis. Specialized courses teach about food processing, nutritional analysis, and food safety.

Salary

The average annual pay for a Food Scientist is \$61,340 a year.



Nutritionist

Description

A nutritionist works with clients to recommend nutrition plans for a healthier lifestyle. Nutritionists tend to use a holistic approach, considering biochemistry, environment, mental health, and more. Nutritionists may work in a clinical or community setting full-time, sometimes with irregular hours. Nutritionists work with their clients to reach goals like weight loss, healthier eating habits, and stress management. In general, these professionals may be responsible for evaluating clients' health needs, discussing nutrition and eating habits with clients, developing educational resources, determining the best nutrition plan for each client, adjusting plans as needed, monitoring clients' progress, and staying updated on the latest research.

Education

Most nutritionists only need a bachelor's degree in nutrition. Many of these degree programs are on-campus due to the hands-on nature of the field, but some are offered online. These programs may offer tracks to become registered dietitians or tracks that lead to careers in research, community work, and more. They usually include an internship and/or other hands-on experiences working with clients.

Salary

The average salary for a Nutritionist is \$65,274.



Business Manager

Description

A business manager is responsible for overseeing business operations. Their duties include hiring new staff, conducting office meetings, and coming up with proactive strategies to improve productivity and employee morale. A manager may supervise employees, design work schedules, resolve employee and client issues, ensure the work facility is safe, free of security issues, and in compliance with all government regulations, work with outside vendors to maintain necessary business supplies, maintain a good working relationship with executives and other managers, and implement procedures to improve profitability.

Education

A bachelor's degree in business or a related field is usually a requirement. An MBA may be required for higher-level management careers. A job seeker with a high school diploma may be considered if they have significant work experience or special certifications. Some businesses may require a Certified Facilities Management (CFM) certification. A Records Management certification can also be helpful.

Salary

The average Business Manager salary in the United States is \$79,883.



Project Manager

Description

Project managers oversee projects to ensure they are completed in a timely fashion and within budget. Project managers may determine project scope and objectives, predict resources needed, manage resources efficiently, prepare a budget based on the scope of work and resource requirements, track project costs to meet budget, develop and manage a detailed project schedule and work plan, update stakeholders on strategy, adjustments, and progress, manage contracts with vendors and suppliers by assigning tasks and communicating expected deliverables, utilize industry best practices, techniques, and standards throughout entire project execution, and monitor progress and make adjustments as needed.

Education

The qualifications to work as a grain operations manager typically include a high school diploma or equivalent and several years of experience at a grain elevator or similar facility. Some large facilities prefer candidates who have advanced training or education in agriculture or agricultural business.

Salary

The average annual pay for a Project Manager is \$66,654.



Entomologist

Description

Entomologists research the growth, nutrition, behavior, and interactions of insects. An entomologist may monitor insect feeding behavior, insect physiology, plant-insect interactions, insect feeding biology, visit farm and other research trial plots to collect insect samples, weigh, formulate, and apply experimental and commercial insecticides to pest targets and their habitats, prepare and deliver documented proposals and reports for research trials, design and implement of research plans to support the selection of new insecticide products, manage trial establishment and collect data, budget for research work, and provide management reporting in regard to trial/research progress.

Education

A doctoral degree in entomology, biology, or zoology is required to become an entomologist.

Salary

The average annual salary for an Entomologist is \$76,214.



Genetic Engineer

Description

Genetic engineers study genes and living forms. Specifically, they study the identification of gene patterns, DNA structure, cell nature and types, gene content, traits of heredity, etc. A genetic engineer needs to be aware of the present subject and its prospects, proper care of the organisms being engineered for genetic purposes or studied, proper assessment of environmental conditions like temperature, heat, pressure, water content, etc., and the advancements in field (by maintaining interactive sessions, reading journals and published materials, etc.) A genetic engineer may also have to present their ideas before a large group of people.

Education

A genetic engineer must fulfill the following education and qualification requirements: bachelor's and master's degree in genetic engineering or a related field, a doctoral degree (PhD), a certification by State bodies, and licensure.

Salary

The average Genetic Engineer salary in the United States is \$101,564.



Agricultural Science Educator

Description

An Agricultural Science Teacher teaches students skills that are important in the ag industry. They inform students about agriculture, facilitate classroom discussions, create lesson plans that conform to school policy, and provide instructional materials and methods to make teaching and learning effective. They prepare materials like syllabi, homework assignments, and handouts, supervise and maintain the school's ag laboratory, and advise their school's FFA Chapter. Ag teachers oversee Supervised Agricultural Experience (SAE) programs by assisting students in selecting a program that fits their interests and abilities; maintaining records, locating training stations, and making supervisory visits during the school year and summer.

Education

Bachelor's degree in agricultural education or other agricultural-related field, coupled with appropriate state teaching licensure.

Salary

The average salary for an Agricultural Science Educator is around \$44,177.



Extension Agent

Description

Extension Agents are employed by land-grant universities and serve the citizens of their state. County extension agents work with local, regional, and state teams to identify issues and develop educational programs. Academic positions may require agents to conduct research and teach courses. Extension agents develop content for a variety of platforms, use assessments to evaluate the impact of programming, answer questions related to their field, speak at industry events/civic organization meetings, develop volunteer networks, work in local 4-H clubs, maintain a high level of visibility, and facilitate communications with a wide range of clientele to promote the understanding of agriculture and natural resource issues.

Education

Usually, a bachelor's or master's degree is required in either your subject area or agriculture and extension education. Research and university-level careers may require a doctorate degree.

Salary

The salary range for a County Extension Agent is from \$42,020 to \$51,324 per year.



Economist

Description

Economists study the production and distribution of resources, goods, and services by collecting and analyzing data, researching trends, and evaluating economic issues. Economists apply economic analysis to various fields, including education, health, development, and the environment. Some economists study the cost of products, healthcare, or energy, while others examine employment levels, business cycles, exchange rates, taxes, inflation, or interest rates. Many economists work in federal, state, and local government. Federal government economists collect and analyze data about the U.S. economy and project spending needs to inform policymakers on the economic impact of laws and regulations. Economists working for corporations help decision-makers understand how the economy will affect their business. Specifically, economists analyze issues like consumer demand and sales to help companies maximize profits. Economists also work for international organizations, research firms, and think tanks.

Education

A master's degree or Ph.D. is required for most jobs. Positions in business, research, or international organizations often require graduate degrees and work experience. Introductory statistical analysis software courses are helpful. Students can pursue an advanced degree in economics with a bachelor's degree in several fields, but a strong background in mathematics is essential. A Ph.D. in economics may require several years of study, including research in a specialty field. Candidates with a bachelor's degree may qualify for some entry-level economist positions, including jobs with the federal government.

Salary

The average Economist salary in the United States is \$93,827.

