

Science, Technology, Engineering & Mathematics (STEM)

Jobs related to scientific research, professional and technical services including laboratory and testing services and research and development services.

Job Title & Description	Entry Wage	Med. Wage	Exp. Wage	Holland Code	Education Required	Available Local Education	
Aerospace Engineers Perform engineering duties in designing, constructing and testing aircraft, missiles and spacecraft. May conduct basic and applied research to evaluate adaptability of materials and equipment to aircraft design and manufacture. May recommend improvements in testing equipment and techniques.	\$74,240	\$102,003	\$121,180	CRIA	Bachelor's	Colby Donnelly ESU	K-State KU WSU
Biological Technicians Assist with set up, operation and maintenance of laboratory instruments and equipment, monitor experiments, make observations and calculate and record results.	\$29,660	\$38,810	\$46,380	CRI	Bachelor's	Butler Donnelly FHSU K-State	KU SCCC Washburn
Biomedical Engineers Use what they know about engineering, biology and biomechanical principles to design artificial organs, prosthetics, instrumentation and medical information systems.	\$52,230	\$70,910	\$81,750	CRIA	Bachelor's	Colby Donnelly ESU FHSU	K-State KU Washburn WSU
Chemists Search for and put into practical use new knowledge about chemicals.	\$44,180	\$71,160	\$95,240	CRI	Bachelor's	Baker Benedictine Butler Colby Donnelly ESU	FHSU Hesston K-State KU SCCC Washburn
Civil Engineers Design and supervise construction of roads, airports, tunnels, bridges, water supplies, sewage systems and buildings.	\$58,340	\$76,930	\$95,550	CRIAE	Bachelor's	Benedictine Colby Donnelly	K-State KU NKTC
Electrical & Electronics Drafters Prepare wiring diagrams, circuit board assembly diagrams and layout drawings used for the manufacture, installation or repair of electrical equipment.	\$26,000	\$41,410	\$55,260	CRIA	Associate's	Donnelly K-State KU	
Electrical Engineers Design, develop, test and supervise the production of electrical and electronic equipment.	\$61,560	\$83,500	\$101,504	CRIE	Bachelor's	Benedictine Butler Donnelly	K-State KU WSU
Electrical Engineering Technicians Test or modify developmental or operational electrical machinery or electrical control equipment and circuitry in industrial or commercial plants or laboratories. Usually work under direction of engineers or technologists.	\$40,400	\$60,970	\$76,070	CRIE	Certificate	Butler Donnelly FHSU	K-State KU WSU Tech
Electronics Engineers Research, design, develop and test electronic components and systems for commercial, industrial, military or scientific use using knowledge of electronic theory and materials properties.	\$63,190	\$87,550	\$99,530	CRIAE	Bachelor's	Butler Donnelly FHSU Hesston	K-State KU SATC WSU
Environmental Science & Protection Technicians Performs laboratory and field tests to monitor the environment and investigate sources of pollution, including those that affect health. Work under direction of an environmental scientist or specialist.	\$30,830	\$44,670	\$53,880	CRI	Associate's	Colby Donnelly FHSU	K-State KU Washburn

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Environmental Scientists & Specialists Conduct research or perform investigation for the purpose of identifying, abating or eliminating sources of pollutants or hazards that affect either the environment or the health of the population.	\$50,770	\$70,510	\$95,190	CRIA	Bachelor's	Colby Donnelly FHSU Hesston K-State KU Washburn
Industrial Engineers Determine ways for organizations to use people, machines, materials, information and energy.	\$58,190	\$79,110	\$95,200	CRIE	Bachelor's	Butler Donnelly ESU FHSU K-State KU SCCC
Mechanical Engineers Involved with the production, transmission and use of mechanical power and heat.	\$53,990	\$75,340	\$94,140	CRIA	Bachelor's	Benedictine Butler Donnelly ESU FHSU Hesston K-State KU SCCC WSU
Medical Scientists Conduct research dealing with the understanding of human diseases and the improvement of human health. Engage in clinical investigation or other research, production, technical writing or related activities.	\$52,390	\$70,180	\$99,060	RIAS	Doctorate / Prof	Colby Donnelly ESU FHSU K-State KU Washburn
Microbiologists Investigate the growth, structure, development and other characteristics of microscopic organisms, such as bacteria, algae or fungi.	\$42,840	\$49,260	\$58,330	CRI	Bachelor's	Benedictine Colby Donnelly ESU FHSU K-State KU SCCC Washburn
Nuclear Engineers Work with or supervise nuclear power plant design, construction or operation; nuclear medicine and health physics; industrial applications such as gauging, tracing, forensics and food sterilization; and research at national laboratories.	\$77,520	\$103,958	\$125,216	CRI	Bachelor's	Donnelly ESU K-State KU Washburn
Physicists Conduct research into physical phenomena, develop theories on the basis of observation and experiments and devise methods to apply physical laws and theories.	N/A	N/A	N/A	CRIA	Doctorate / Prof	Baker Butler Colby Donnelly ESU FHSU Hesston K-State KU Washburn
Robotics Engineers Research, design, develop or test robotic applications.	\$47,580	\$80,280	\$98,270	CRIA	Bachelor's	Donnelly ESU K-State KU WSU
Robotics Technicians Build, install, test or maintain robotic equipment or related automated production system.	N/A	N/A	N/A	CRI	Associate's	Donnelly K-State KU
Surveying & Mapping Technicians Perform surveying and mapping duties, usually under the director of a surveyor, cartographer or photogrammetrist to obtain data used for construction, mapmaking, boundary location, mining and other functions.	\$25,680	\$37,700	\$46,320	CRI	Certificate	Donnelly FHSU KU
Wind Turbine Service Technicians Inspect, diagnose, adjust, or repair wind turbines. Perform maintenance on wind turbine equipment including resolving electrical, mechanical, and hydraulic malfunctions.	\$41,290	\$61,340	\$69,280	CR	Certificate	CCCC Donnelly WSU Tech