

## 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
<b>Aerospace Engineers</b> 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.	\$76,970	\$103,530	\$120,960	CRIA	Bachelor's	Central Colby Donnelly ESU KU PSU WSU
<b>Biological Technicians</b> Assist with set up, operation and maintenance of laboratory instruments and equipment, monitor experiments, make observations and calculate and record results.	\$28,640	\$41,330	\$48,330	CRI	Bachelor's	Central Donnelly FHSU PSU SCCC Washburn
<b>Bioengineers and Biomedical Engineers</b> Use what they know about engineering, biology and biomechanical principles to design artificial organs, prosthetics, instrumentation and medical information systems.	\$54,380	\$77,660	\$90,740	CRIA	Bachelor's	Central Colby Donnelly ESU FHSU K-State KU PSU Washburn WSU
<b>Chemists</b> Search for and put into practical use new knowledge about chemicals.	\$51,410	\$79,840	\$97,870	CRI	Bachelor's	Baker Benedictine Butler Central Colby Donnelly ESU FHSU Hesston K-State KU KWU Labette PSU SCCC Sterling Washburn
<b>Civil Engineers</b> Design and supervise construction of roads, airports, tunnels, bridges, water supplies, sewage systems and buildings.	\$50,620	\$75,530	\$96,070	CRIAE	Bachelor's	Benedictine Central Colby Donnelly K-State KU Labette PSU NKTC
<b>Electrical &amp; Electronics Drafters</b> Prepare wiring diagrams, circuit board assembly diagrams and layout drawings used for the manufacture, installation or repair of electrical equipment.	\$46,600	\$62,420	\$72,570	CRIA	Associate's	Central Donnelly K-State PSU
<b>Electrical Engineers</b> Design, develop, test and supervise the production of electrical and electronic equipment.	\$66,000	\$83,920	\$100,070	CRIE	Bachelor's	Benedictine Butler Central Donnelly K-State KU PSU WSU
<b>Electrical and Electronic Engineering Technologists and Technicians</b> 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.	\$42,680	\$60,950	\$69,950	CRIE	Certificate	Butler Central Donnelly FHSU K-State PSU WSU Tech
<b>Electronics Engineers</b> Research, design, develop and test electronic components and systems for commercial, industrial, military or scientific use using knowledge of electronic theory and materials properties.	\$67,240	\$91,420	\$105,020	CRIAE	Bachelor's	Butler Central Donnelly FHSU Hesston K-State KU PSU SATC WSU
<b>Environmental Science &amp; Protection Technicians</b> 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.	\$32,870	\$46,750	\$58,030	CRI	Associate's	Central Colby Donnelly FHSU K-State KWU PSU Washburn

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<b>Environmental Scientists &amp; Specialists</b> 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.	\$49,670	\$64,100	\$89,380	CRIA	Bachelor's	Central Colby Donnelly FHSU Hesston	K-State KWU PSU Sterling Washburn
<b>Industrial Engineers</b> Determine ways for organizations to use people, machines, materials, information and energy.	\$55,780	\$78,770	\$93,900	CRIE	Bachelor's	Butler Central Donnelly ESU	FHSU K-State PSU SCCC
<b>Mechanical Engineers</b> Involved with the production, transmission and use of mechanical power and heat.	\$55,020	\$75,580	\$92,070	CRIA	Bachelor's	Benedictine Butler Central Donnelly ESU FHSU	Hesston K-State KU PSU SCCC WSU
<b>Medical Scientists</b> 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.	\$52,150	\$68,030	\$82,830	RIAS	Doctorate / Prof	Central Colby Donnelly ESU FHSU	K-State Labette PSU Sterling Washburn
<b>Microbiologists</b> Investigate the growth, structure, development and other characteristics of microscopic organisms, such as bacteria, algae or fungi.	\$43,560	\$47,960	\$58,080	CRI	Bachelor's	Benedictine Central Colby Donnelly ESU K-State	KU PSU SCCC Sterling Washburn
<b>Nuclear Engineers</b> 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.	\$82,130	\$110,360	\$127,670	CRI	Bachelor's	Central Donnelly ESU K-State PSU Washburn	
<b>Physicists</b> Conduct research into physical phenomena, develop theories on the basis of observation and experiments and devise methods to apply physical laws and theories.	\$97,270	\$179,690	\$223,150	CRIA	Doctorate / Prof	Baker Central Colby Donnelly ESU FHSU Hesston	K-State KU KWU Labette PSU Washburn
<b>Robotics Engineers</b> Research, design, develop or test robotic applications.	\$47,580	\$80,280	\$98,270	CRIA	Bachelor's	Central Donnelly ESU K-State	KWU PSU WSU
<b>Robotics Technicians</b> Build, install, test or maintain robotic equipment or related automated production system.	N/A	N/A	N/A	CRI	Associate's	Central Donnelly PSU	
<b>Surveying &amp; Mapping Technicians</b> 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.	\$34,280	\$46,570	\$57,050	CRI	Certificate	Central Donnelly FHSU KWU PSU	
<b>Wind Turbine Service Technicians</b> 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	Central CCCC Donnelly PSU WSU Tech	