

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.	\$83,700	\$99,040	\$134,750	CRIA	Bachelor's	Central Colby Donnelly ESU KU PSU WSU
Biological Technicians Assist with set up, operation and maintenance of laboratory instruments and equipment, monitor experiments, make observations and calculate and record results.	\$32,350	\$38,620	\$47,460	CRI	Bachelor's	Central Donnelly FHSU PSU SCCC Washburn
Bioengineers and Biomedical Engineers Use what they know about engineering, biology and biomechanical principles to design artificial organs, prosthetics, instrumentation and medical information systems.	\$75,180	\$79,890	\$89,890	CRIA	Bachelor's	Central Colby Donnelly ESU FHSU K-State KU PSU Washburn WSU
Chemists Search for and put into practical use new knowledge about chemicals.	\$44,260	\$74,180	\$89,210	CRI	Bachelor's	Baker Benedictine Butler Central Colby Donnelly ESU FHSU Hesston K-State KU KWU Labette PSU SCCC Sterling Washburn
Civil Engineers Design and supervise construction of roads, airports, tunnels, bridges, water supplies, sewage systems and buildings.	\$58,060	\$78,920	\$104,420	CRIAE	Bachelor's	Benedictine Central Colby Donnelly K-State KU Labette PSU NKTC
Electrical & Electronics Drafters Prepare wiring diagrams, circuit board assembly diagrams and layout drawings used for the manufacture, installation or repair of electrical equipment.	\$36,800	\$51,400	\$62,760	CRIA	Associate's	Central Donnelly K-State PSU
Electrical Engineers Design, develop, test and supervise the production of electrical and electronic equipment.	\$60,250	\$79,890	\$104,390	CRIE	Bachelor's	Benedictine Butler Central Donnelly K-State KU PSU WSU
Electrical and Electronic Engineering Technologists and 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.	\$42,450	\$60,630	\$68,360	CRIE	Certificate	Butler Central Donnelly FHSU K-State PSU 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.	\$74,290	\$101,130	\$116,570	CRIAE	Bachelor's	Butler Central Donnelly FHSU Hesston K-State KU PSU 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.	\$34,890	\$42,770	\$53,580	CRI	Associate's	Central Colby Donnelly FHSU K-State KWU PSU 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.	\$49,670	\$64,100	\$89,380	CRIA	Bachelor's	Central Colby Donnelly FHSU Hesston	K-State KWU PSU Sterling Washburn
Industrial Engineers Determine ways for organizations to use people, machines, materials, information and energy.	\$64,550	\$79,140	\$98,760	CRIE	Bachelor's	Butler Central Donnelly ESU	FHSU K-State PSU SCCC
Mechanical Engineers Involved with the production, transmission and use of mechanical power and heat.	\$54,910	\$77,500	\$92,870	CRIA	Bachelor's	Benedictine Butler Central Donnelly ESU FHSU	Hesston K-State KU PSU 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.	\$52,330	\$75,780	\$92,600	RIAS	Doctorate / Prof	Central Colby Donnelly ESU FHSU	K-State Labette PSU Sterling Washburn
Microbiologists Investigate the growth, structure, development and other characteristics of microscopic organisms, such as bacteria, algae or fungi.	\$49,630	\$52,210	\$68,680	CRI	Bachelor's	Benedictine Central Colby Donnelly ESU K-State	KU PSU SCCC Sterling 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.	\$85,400	\$124,710	\$128,760	CRI	Bachelor's	Central Donnelly ESU K-State PSU 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.	\$113,020	\$193,110	\$220,310	CRIA	Doctorate / Prof	Baker Central Colby Donnelly ESU FHSU Hesston	K-State KU KWU Labette PSU Washburn
Robotics Engineers Research, design, develop or test robotic applications.	\$47,580	\$80,280	\$98,270	CRIA	Bachelor's	Central Donnelly ESU K-State	KWU PSU WSU
Robotics Technicians Build, install, test or maintain robotic equipment or related automated production system.	N/A	N/A	N/A	CRI	Associate's	Central Donnelly PSU	
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.	\$31,390	\$46,140	\$50,850	CRI	Certificate	Central Donnelly FHSU KWU PSU	
Wind Turbine Service Technicians Inspect, diagnose, adjust, or repair wind turbines. Perform maintenance on wind turbine equipment including resolving electrical, mechanical, and hydraulic malfunctions.	\$44,410	\$48,670	\$60,450	CR	Certificate	Central CCCC Donnelly PSU WSU Tech	