

Engineer

Do You Want to Design and Build Things?

Natural Resources Conservation Service engineers assist the field offices in carrying out program delivery through contacting and working with producers to gather information, develop engineering designs, showing them how to install conservation practices and overseeing the quality of the practices. They perform surveys and design standard conservation practices using various types of surveying equipment including a survey-grade GPS. Engineers also make use of engineering computer programs. Interested? Join VT NRCS



Qualifications- Bachelor of Science degree in Engineering, Agricultural Engineering, or Environmental Engineering

Job Satisfaction- Addressing engineering issues with customers and designing projects that have a positive effect on the environment



Helping People Help the Land



Natural Resources Conservation Service works in partnership with the American people to conserve and sustain natural resources.

To find out more, visit: <http://www.vt.nrcs.usda.gov/>

To apply, visit: USAjobs.gov

GS- 890 Agricultural Engineer or GS- 810 Civil Engineer Check List

Minimum Qualifications for Engineer (GS-5 grade level):

A. Degree in professional engineering with a curriculum that:

- ✓ Has been received from a school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering and Technology as a professional engineering curriculum, or
- ✓ Includes differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas:
 - ✓ statics, dynamics
 - ✓ strength of materials (stress-strain relationships)
 - ✓ fluid mechanics, hydraulics
 - ✓ thermodynamics
 - ✓ electrical fields and circuits
 - ✓ nature and properties of materials (relating particle and aggregate structure to properties)
 - ✓ any other comparable area of fundamental engineering science or physics such as: optics, heat transfer, soil mechanics, or electronics

OR

B. A combination of education and experience including college-level education, training, and/or technical experience showing

- ✓ Thorough knowledge of physical and mathematical science
- ✓ Good understanding of the engineering sciences and techniques and their applications, as demonstrated by
 - ✓ professional registration
 - ✓ written test (Engineer-in-Training exam)
 - ✓ 60 semester hours of specified academic courses in A
 - ✓ related curriculum