

# USACE Mission

Deliver vital engineering solutions in collaboration with our partners, to secure our Nation, energize our economy, and reduce our risk from disaster.

**WE'RE  
HIRING!!!**

**ARE YOU  
LOOKING FOR A  
GREAT CAREER?**

# USACE Vision

Engineering Solutions for our Nation's toughest challenges.

We provide vital public engineering services in peace and war to strengthen our Nation's security, energize the economy, and reduce risks from disasters.

Our capabilities include a full range of planning, engineering, design and construction management, program management, real estate, research and development, and technical assistance services.

**What We Need: Staff for the Environmental and Military Interagency and Environmental Branches of the Southwestern Division's Regional Planning and Environmental Center (RPEC). Please see following job series.**

**Occupation Titles & Job Series Numbers:**

**Environmental Protection Specialist (0028); Archeologist (0193); Biologist (0401); Environmental Engineer (0819); Chemist (1320); Geologist (1350)**

**Grades:**

**- GS-07/09/11 for all occupations listed. Full performance grade level is GS-11.**

**Locations: Various duty locations within these USACE Districts -- Fort Worth District, Galveston District, Little Rock District, and Tulsa District**

For additional information visit:

<http://www.usace.army.mil/careers/>



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For consideration, please provide a copy of your resume with your graduation date/anticipated graduation date and transcripts to the following email:

[CESWF-RPECDHA-RG@usace.army.mil](mailto:CESWF-RPECDHA-RG@usace.army.mil)

Please reference "Direct Hire Candidate Number 01-202111" in the email subject line and specify which position(s) and grade levels for which you wish consideration. Please indicate if you are a current student or if you have graduated.

\*Advertisement primarily for Southwestern Division's Regional Planning & Environmental Center (Environmental and Military Interagency and Environmental Branches) but can be used to fill similar positions at any of the 4 geographic Districts within Southwestern Division.



**Number 01-202111**

# Appointment Types

## POST-SECONDARY STUDENTS

- Initially hired into term appointments in the competitive service.
- May be non-competitively converted to career or career-conditional appointment within 120 days of successful completion of academic program requirements.
- Candidates must be currently enrolled in a full-time program at an institution of higher education.
- Must be making satisfactory progress toward receipt of a baccalaureate or graduate degree in a directly-related degree program in order to meet the qualification requirements for the target position upon completion of their academic program.
- Must maintain good academic standing (2.0 GPA).
- Must have completed at least one year of degree program.
- Appointment may be made to any position/grade for which the candidate is qualified, at management's discretion.
- Candidates may be promoted during the program, if qualified and eligible.
- Candidates may be converted to any grade for which the candidate is qualified, at management's discretion.

## RECENT GRADUATES

- To be eligible, candidates must have:
  - Been awarded a degree by an institution of higher education not more than 2 years before the date of appointment; or
  - Been awarded a degree by an institution of higher education not more than 4 years before the date of appointment.  
**(For veterans have completed a period of obligated service in a uniformed service for more than 4 years)**
- Permanent positions in the competitive service
- Appointment may be made to any position/grade for which the candidate is qualified, at management's discretion.

- Newly appointed employees into a permanent position in the competitive service are required to serve a 2-year probationary period. The first year of a term appointment is a trial period.
- Appointments of post-secondary students and recent graduates may be terminated at any time during the trial/probationary period.

# HOW TO QUALIFY

# **ENVIRONMENTAL PROTECTION SPECIALIST GS-0028-07/09/11**

## **What You Need to Know - Qualification Requirements**

### **TO QUALIFY FOR A GS-07:**

**Specialized Experience:** One year of specialized experience which includes: assisting with investigations involving environmental issues. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-05).

OR

**Education:** One full year of graduate level education in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

**Superior Academic Achievement:** Successful completion of all the requirements for a bachelor's degree with Superior Academic Achievement. In order to be creditable under this provision, Superior Academic Achievement must have been gained in a curriculum that is qualifying for the position to be filled. Superior Academic Achievement is based on:

(1) Class Standing - Applicants must be in the upper third of the graduating class in the college, university, or major subdivision, such as the College of Liberal Arts or the School of Business Administration, based on completed courses; OR

(2) Grade-Point Average (G.P.A.) - Applicants must have a grade-point average of either (a) 3.0 or higher out of a possible 4.0 ("B" or better) as recorded on your official transcript, or as computed based on 4 years of education, or as computed based on courses completed during the final 2 years of the curriculum; or (b) 3.5 or higher out of a possible 4.0 ("B+" or better) based on the average of the required courses completed in the major field or the required courses in the major field completed during the final 2 years of the curriculum.; OR

(3) Honor Society Membership - Applicants may be considered eligible based on membership in one of the approved national scholastic honor societies listed by the Association of College Honor Societies (<https://www.achsntl.org/>).

OR

**Combination of Education and Experience:** A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) by 18. Add the two percentages.

**\*\*\*NOTE: This occupational series and grade has a testing requirement under the Administrative Careers With America (ACWA). If selected for this position at the GS-07 level, you will be required to complete and pass the ACWA test requirement before a job offer can be extended.**



# **ENVIRONMENTAL PROTECTION SPECIALIST GS-0028-07/09/11 (Continued)**

## **TO QUALIFY FOR A GS-09:**

Specialized Experience: One year of specialized experience which includes: participating in environmental investigations/studies and collecting data for analyses and reporting. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-07).

OR

Education: Master's or equivalent graduate degree or 2 full years of progressively higher level graduate education leading to such a degree or LL.B. or J.D. in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the first year (total graduate semester hours minus 18) by 18. Add the two percentages.

## **TO QUALIFY FOR A GS-11:**

Specialized Experience: One year of specialized experience which includes: 1) conducting investigations involving military/civil environmental issues and communicating results; OR 2) conducting environmental studies and analyzing data results using applicable criteria, guidance and environmental laws. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-09).

OR

Education: Ph.D or equivalent doctoral degree or 3 full years of progressively higher level graduate education leading to such a degree or LL.M. in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the second year (total graduate semester hours minus 36) by 18. Add the two percentages.

# ARCHEOLOGIST GS-0193-07/09/11

## What You Need to Know - Basic Education Requirement and Qualification Requirements

### BASIC EDUCATION REQUIREMENT (ALL GRADES):

**A. Education - Degree:** Bachelor's degree (or higher degree) that included 3 semester hours each in the following course areas: (1) history of archeology; (2) archeology of a major geographical area such as North America or Africa; (3) regional archeology, archeological cultures, or sites in a specific part or portion of a major geographical area to acquire or develop a foundation for regional specialization for professional development; (4) theory and methods of archeology. Methods include, but are not limited to, typology, classification, sampling, cultural evolution, diffusion, dating, and analytical techniques; (5) archeological field school, to provide a basic understanding of theoretical and practical approaches to research design implementation, field preservation techniques, and report preparation by participation in actual field work; AND six semester hours of related course work in: (1) geography, geology, or cultural geography; (2) history, historiography, or historical archeology; (3) environmental studies; (4) scientific writing (nonfiction English composition); and/or (5) surveying; AND archeological field school.

**OR**

**B. Education:** Related Curriculum: Bachelor's degree (or higher degree) in anthropology (with emphasis on ethnology, physical anthropology, or scientific linguistics), history, American studies, or a related discipline may be accepted as satisfying in full the educational requirements, provided the curriculum supplied academic course work sufficiently similar to the requirements listed in A above (including archeological field school).

**OR**

**C. Combination of Education and Experience:** College-level education or training that provided knowledge equivalent to that described in A above, plus appropriate technical experience or additional education.

**OR**

**D. Experience:** Four years of archeological work experience that demonstrated a thorough knowledge of the fundamental principles and theories of professional archeology. The work experience must have included archeology field experience, which may include that gained in an archeological field school. Field experience should have included a combination of professional experience in archeological survey, excavation, laboratory analysis, and preparation of written materials. Applicants with such field experience should, after additional experience under the direction of a higher grade archeologist, be able to demonstrate the ability to be a crew chief, directing the work of others at a single location as a part of a larger archeological project.

**In addition to meeting the basic requirement above, to qualify for this position you must also meet the qualification requirements listed below:**



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# ARCHEOLOGIST GS-0193-07/09/11 (Continued)

## What You Need to Know - Basic Education Requirement and Qualification Requirements

### TO QUALIFY FOR A GS-07:

Specialized Experience: One year of specialized experience which includes: 1) Conducting supervised archeological field investigations to identify resources within project areas, OR 2) Documenting findings from field investigations on items of archeological, historical, and cultural significance. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-05).

OR

Education: One full year of graduate level education in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: Anthropology (with emphasis on ethnology, physical anthropology, or scientific linguistics), history, American studies, or a related discipline.

OR

Superior Academic Achievement. In order to be creditable under this provision, Superior Academic Achievement must have been gained in a curriculum that is qualifying for the position to be filled, such as that identified in Education above. Superior Academic Achievement is based on:

(1) Class Standing - Applicants must be in the upper third of the graduating class in the college, university, or major subdivision, such as the College of Liberal Arts or the School of Business Administration, based on completed courses; OR

(2) Grade-Point Average (G.P.A.) - Applicants must have a grade-point average of either (a) 3.0 or higher out of a possible 4.0 ("B" or better) as recorded on your official transcript, or as computed based on 4 years of education, or as computed based on courses completed during the final 2 years of the curriculum; or (b) 3.5 or higher out of a possible 4.0 ("B+" or better) based on the average of the required courses completed in the major field or the required courses in the major field completed during the final 2 years of the curriculum.; OR

(3) Honor Society Membership - Applicants may be considered eligible based on membership in one of the approved national scholastic honor societies listed by the Association of College Honor Societies (<https://www.achsntl.org/>).

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) by 18. Add the two percentages.



# **ARCHEOLOGIST GS-0193-07/09/11 (Continued)**

## **TO QUALIFY FOR A GS-09:**

**Specialized Experience:** One year of specialized experience which includes: 1) Reviewing archeological field investigation reports to identify resources within project areas, AND 2) Compiling data to draft archeological or cultural resources reports. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-07).

OR

**Education:** Master's or equivalent graduate degree or 2 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: Anthropology (with emphasis on ethnology, physical anthropology, or scientific linguistics), history, American studies, or a related discipline.

OR

**Combination of Education and Experience:** A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the first year (total graduate semester hours minus 18) by 18. Add the two percentages.

## **TO QUALIFY FOR A GS-11:**

**Specialized Experience:** One year of specialized experience which includes performing at least 2 out of 3 of the following duties: 1) Analyzing data from archaeological field work to draft written reports of findings, OR 2) Verifying projects are in compliance with the requirements of environmental regulations, OR 3) Conducting research to identify known archeological resources. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-09).

OR

**Education:** Ph.D. or equivalent doctoral degree or 3 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: Anthropology (with emphasis on ethnology, physical anthropology, or scientific linguistics), history, American studies, or a related discipline. (Note: You must attach a copy of your transcripts.)

OR

**Combination of Education and Experience:** A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the second year (total graduate semester hours minus 36) by 18. Add the two percentages.



# **BIOLOGIST GS-0401-07/09/11**

## **What You Need to Know - Basic Education Requirement and Qualification Requirements**

### **BASIC EDUCATION REQUIREMENT (ALL GRADES):**

A. Degree: Bachelor's degree (or higher degree) in biological sciences, agriculture, natural resource management, chemistry, or related disciplines appropriate to the position.

OR

B. Combination of Education and Experience: Courses equivalent to a major, as shown in A above, plus appropriate experience or additional education.

**In addition to meeting the basic requirement above, to qualify for this position you must also meet the qualification requirements listed below:**

### **TO QUALIFY FOR A GS-07:**

Specialized Experience: One year of specialized experience which includes: reviewing environmental documents for environmental studies/projects. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-05).

OR

Education: One full year of graduate level education in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Superior Academic Achievement. In order to be creditable under this provision, Superior Academic Achievement must have been gained in a curriculum that is qualifying for the position to be filled, such as that identified in Education above. Superior Academic Achievement is based on:

(1) Class Standing - Applicants must be in the upper third of the graduating class in the college, university, or major subdivision, such as the College of Liberal Arts or the School of Business Administration, based on completed courses; OR

(2) Grade-Point Average (G.P.A.) - Applicants must have a grade-point average of either (a) 3.0 or higher out of a possible 4.0 ("B" or better) as recorded on your official transcript, or as computed based on 4 years of education, or as computed based on courses completed during the final 2 years of the curriculum; or (b) 3.5 or higher out of a possible 4.0 ("B+" or better) based on the average of the required courses completed in the major field or the required courses in the major field completed during the final 2 years of the curriculum.; OR

(3) Honor Society Membership - Applicants may be considered eligible based on membership in one of the approved national scholastic honor societies listed by the Association of College Honor Societies (<https://www.achsntl.org/>).

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) by 18. Add the two percentages.



# **BIOLOGIST GS-0401-07/09/11 (Continued)**

## **TO QUALIFY FOR A GS-09:**

Specialized Experience: One year of specialized experience which includes: 1) reviewing environmental documents to identify impacts to projects; AND 2) communicating with project managers, local, state, or federal agencies on project impacts or mitigation measures. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-07).

OR

Education: Master's or equivalent graduate degree or 2 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the first year (total graduate semester hours minus 18) by 18. Add the two percentages.

## **TO QUALIFY FOR A GS-11:**

Specialized Experience: One year of specialized experience which includes: 1) experience in environmental coordination to include preparation of environmental reports or development of mitigation measures; AND 2) conducting environmental studies on fish and wildlife resources or preparing scopes of services for environmental contracts; AND 3) briefing project managers and customers on projected impact to environment due to proposed projects.. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-09).

OR

Education: Ph.D. or equivalent doctoral degree or 3 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: [insert applicable field(s) of study].

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the second year (total graduate semester hours minus 36) by 18. Add the two percentages.

# **ENVIRONMENTAL ENGINEER GS-0819-07/09/11**

## **What You Need to Know - Basic Education Requirement and Qualification Requirements**

### **BASIC EDUCATION REQUIREMENT (ALL GRADES):**

A. Degree: Bachelor's degree (or higher degree) in engineering. To be acceptable, the program must: (1) lead to a bachelor's degree (or higher degree) in a school of engineering with at least one program accredited by the Accreditation Board for Engineering and Technology (ABET); OR (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

OR

B. Combination of Education and Experience: College-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following:

1. Professional registration or licensure - Current registration as an Engineer Intern (EI), Engineer in Training (EIT), or licensure as a Professional Engineer (PE) by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated eligible only for manufacturing engineering positions.
2. Written Test - Evidence of having successfully passed the Fundamentals of Engineering (FE) examination, or any other written test required for professional registration, by an engineering licensure board in the various States, the District of Columbia, Guam, or Puerto Rico.
3. Specified academic courses - Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and that included the courses specified in A above. The courses must be fully acceptable toward meeting the requirements of an engineering program.
4. Related curriculum - Successful completion of a curriculum leading to a bachelor's degree in an appropriate scientific field, e.g., engineering technology, physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions.

**In addition to meeting the basic requirement above, to qualify for this position you must also meet the qualification requirements listed below (shown on next page):**



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# **ENVIRONMENTAL ENGINEER GS-0819-07/09/11 (Continued)**

## **TO QUALIFY FOR A GS-07:**

Specialized Experience: One year of specialized experience which includes: assisting with the management and coordination of environmental engineering projects related to hazardous and toxic waste (HTW), air quality, water supply, wastewater or solid waste. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-05).

OR

Education: One full year of graduate level education in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Superior Academic Achievement. In order to be creditable under this provision, Superior Academic Achievement must have been gained in a curriculum that is qualifying for the position to be filled, such as that identified in Education above. Superior Academic Achievement is based on:

(1) Class Standing - Applicants must be in the upper third of the graduating class in the college, university, or major subdivision, such as the College of Liberal Arts or the School of Business Administration, based on completed courses; OR

(2) Grade-Point Average (G.P.A.) - Applicants must have a grade-point average of either (a) 3.0 or higher out of a possible 4.0 ("B" or better) as recorded on your official transcript, or as computed based on 4 years of education, or as computed based on courses completed during the final 2 years of the curriculum; or (b) 3.5 or higher out of a possible 4.0 ("B+" or better) based on the average of the required courses completed in the major field or the required courses in the major field completed during the final 2 years of the curriculum.; OR

(3) Honor Society Membership - Applicants may be considered eligible based on membership in one of the approved national scholastic honor societies listed by the Association of College Honor Societies (<https://www.achsntl.org/>).

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) by 18. Add the two percentages.

## **TO QUALIFY FOR A GS-09:**

Specialized Experience: One year of specialized experience which includes: 1) assisting with the management and coordination of environmental engineering projects related to hazardous and toxic waste (HTW), air quality, water supply, wastewater or solid waste; AND 2) conducting site visits to assess conditions and perform inspections. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-07).

OR

Education: Master's or equivalent graduate degree or 2 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the first year (total graduate semester hours minus 18) by 18. Add the two percentages.

# **ENVIRONMENTAL ENGINEER GS-0819-07/09/11 (Continued)**

## **TO QUALIFY FOR A GS-11:**

Specialized Experience: One year of specialized experience which includes: 1) managing environmental engineering projects related to hazardous and toxic waste (HTW), air quality, water supply, wastewater or solid waste; AND 2) developing remedial design plans that are compliant with all required laws, regulation, policies, and standards. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-09).

OR

Education: Ph.D. or equivalent doctoral degree or 3 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: [insert applicable field(s) of study].

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the second year (total graduate semester hours minus 36) by 18. Add the two percentages.

# **CHEMIST GS-1320-07/09/11**

## **What You Need to Know - Basic Education Requirement and Qualification Requirements**

### **BASIC EDUCATION REQUIREMENT (ALL GRADES):**

A. Degree: Bachelor's degree (or higher degree) in the physical sciences, life sciences, or engineering that included 30 semester hours in chemistry, supplemented by course work in mathematics through differential and integral calculus, and at least 6 semester hours of physics.

OR

B. Combination of Education and Experience: Course work equivalent to a major in the physical sciences, life sciences, or engineering, including at least 30 semester hours in chemistry, supplemented by mathematics through differential and integral calculus, and at least 6 semester hours of physics, plus appropriate experience or additional education.

**In addition to meeting the basic requirement above, to qualify for this position you must also meet the qualification requirements listed below:**

### **TO QUALIFY FOR A GS-07:**

Specialized Experience: One year of specialized experience which includes: assisting with environmental chemistry projects. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-05).

OR

Education: One full year of graduate level education in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Superior Academic Achievement. In order to be creditable under this provision, Superior Academic Achievement must have been gained in a curriculum that is qualifying for the position to be filled, such as that identified in Education above. Superior Academic Achievement is based on:

(1) Class Standing - Applicants must be in the upper third of the graduating class in the college, university, or major subdivision, such as the College of Liberal Arts or the School of Business Administration, based on completed courses; OR

(2) Grade-Point Average (G.P.A.) - Applicants must have a grade-point average of either (a) 3.0 or higher out of a possible 4.0 ("B" or better) as recorded on your official transcript, or as computed based on 4 years of education, or as computed based on courses completed during the final 2 years of the curriculum; or (b) 3.5 or higher out of a possible 4.0 ("B+" or better) based on the average of the required courses completed in the major field or the required courses in the major field completed during the final 2 years of the curriculum.; OR

(3) Honor Society Membership - Applicants may be considered eligible based on membership in one of the approved national scholastic honor societies listed by the Association of College Honor Societies (<https://www.achsntl.org/>).

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) by 18. Add the two percentages.



# CHEMIST GS-1320-07/09/11 (Continued)

## **TO QUALIFY FOR A GS-09:**

Specialized Experience: One year of specialized experience which includes: 1) preparing sampling and analysis plans (SAP's) for investigation of chemical constituents in various environmental media (e.g. soil, groundwater, surface water, etc.); OR 2) collecting, preparing and analyzing environmental media (such as water, soil, sediments, air via gas chromatography/mass spectrometry, etc). This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-07).

OR

Education: Master's or equivalent graduate degree or 2 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the first year (total graduate semester hours minus 18) by 18. Add the two percentages.

## **TO QUALIFY FOR A GS-11:**

Specialized Experience: One year of specialized experience which includes: 1) reviewing toxic and hazardous waste sampling, testing, analysis and cost data; OR 2) reviewing in-house investigation plans for studies on toxic and hazardous waste to ensure compliance with quality assurance standards; OR 3) experience in biochemistry, toxicology and chemistry of toxic and hazardous materials. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-09).

OR

Education: Ph.D. or equivalent doctoral degree or 3 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: [insert applicable field(s) of study].

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the second year (total graduate semester hours minus 36) by 18. Add the two percentages.

# **GEOLOGIST GS-1350-07/09/11**

## **What You Need to Know - Basic Education Requirement and Qualification Requirements**

### **BASIC EDUCATION REQUIREMENT (ALL GRADES):**

A. Degree: Bachelor's degree (or higher degree) in geology, plus 20 additional semester hours in any combination of mathematics, physics, chemistry, biological science, structural, chemical, civil, mining or petroleum engineering, computer science, planetary geology, comparative planetology, geophysics, meteorology, hydrology, oceanography, physical geography, marine geology, and cartography.

OR

B. Combination of Education and Experience: Course work as shown in A above, plus appropriate experience or additional education. (**Note:** Acceptable experience may have been gained through geological field or laboratory work that provided a means of obtaining professional knowledge of the theory and application of the principles of geology and closely related sciences, e.g., geophysics, geochemistry, or hydrology. Such work generally must have involved making close observations, taking samples, handling various types of instruments and equipment, assembling geologic data from source materials, and analyzing and reporting findings orally and in writing. In some situations, professional scientific experience in other fields may be accepted in part as professional geological experience. Such experience must have been preceded by appropriate education in geology or by professional geological experience, and must have contributed directly and significantly to the applicant's professional geological competence. To receive credit for geological experience obtained in positions that are not full-time professional geological positions, the applicant is responsible for indicating clearly the actual time or percentage of time devoted to geologic duties within such positions, and for giving adequate descriptions of the geologic functions.)

**In addition to meeting the basic requirement above, to qualify for this position you must also meet the qualification requirements listed below (shown on next page):**





# **GEOLOGIST GS-1350-07/09/11 (Continued)**

## **TO QUALIFY FOR A GS-07:**

Specialized Experience: One year of specialized experience which includes: assisting with geologic investigations for environmental projects. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-05).

OR

Education: One full year of graduate level education in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Superior Academic Achievement. In order to be creditable under this provision, Superior Academic Achievement must have been gained in a curriculum that is qualifying for the position to be filled, such as that identified in Education above. Superior Academic Achievement is based on:

(1) Class Standing - Applicants must be in the upper third of the graduating class in the college, university, or major subdivision, such as the College of Liberal Arts or the School of Business Administration, based on completed courses; OR

(2) Grade-Point Average (G.P.A.) - Applicants must have a grade-point average of either (a) 3.0 or higher out of a possible 4.0 ("B" or better) as recorded on your official transcript, or as computed based on 4 years of education, or as computed based on courses completed during the final 2 years of the curriculum; or (b) 3.5 or higher out of a possible 4.0 ("B+" or better) based on the average of the required courses completed in the major field or the required courses in the major field completed during the final 2 years of the curriculum.; OR

(3) Honor Society Membership - Applicants may be considered eligible based on membership in one of the approved national scholastic honor societies listed by the Association of College Honor Societies (<https://www.achsntl.org/>).

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) by 18. Add the two percentages.

## **TO QUALIFY FOR A GS-09:**

Specialized Experience: One year of specialized experience which includes: 1) assisting with the management and coordination of geological aspects for projects related to hazardous, toxic and radiological waste (HTRW); AND 2) conducting site visits to assess conditions and perform inspections. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-07).

OR

Education: Master's or equivalent graduate degree or 2 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position.

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the first year (total graduate semester hours minus 18) by 18. Add the two percentages.

# **GEOLOGIST GS-1350-07/09/11 (Continued)**

## **TO QUALIFY FOR A GS-11:**

Specialized Experience: One year of specialized experience which includes: 1) managing environmental projects related to hazardous, toxic and radiological waste (HTRW); AND 2) developing work plans, cost estimates, or project schedules for remedial action or closure. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-09).

OR

Education: Ph.D. or equivalent doctoral degree or 3 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: [insert applicable field(s) of study].

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the second year (total graduate semester hours minus 36) by 18. Add the two percentages.