

# 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 Civil Planning Branch of the Southwestern Division's Regional Planning and Environmental Center (RPEC). Please see following job series.**

**Occupation Titles & Job Series Numbers:**

**Community Planner (0020); Water Resources Planner (0101); Economist (0110); Geographer (0150); Archaeologist (0193); Biologist (0401); General Engineer (0801); Landscape Architect (0807); Architect (0808); Civil Engineer (0810); Physical Scientist (1301); Hydrologist (1315)**

**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-RPEC/DHA-RG@usace.army.mil](mailto:CESWF-RPEC/DHA-RG@usace.army.mil)

Please reference "Direct Hire Candidate Number 03-202111" 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.



**Number 03-202111**

# 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

# **COMMUNITY PLANNER GS-0020-07/09/11**

## **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 community planning; or related field such as urban affairs, architecture, landscape architecture, engineering, sociology, geography, economics, political science, or public administration that included at least 12 semester hours in the planning process, socioeconomic and physical elements of planning, urban and regional economic analysis, and development finance.

OR

B. Degree and Work Experience: Bachelor's degree (or higher degree) in a field related to community planning such as urban affairs, architecture, landscape architecture, engineering, sociology, geography, economics, political science, or public administration and possess at least one-year of work experience in community planning acquired under the supervision and guidance of a community planner.

OR

C. Combination of Education and Experience: Courses equivalent to a major in one of the disciplines, as shown in A above, or a combination of related courses totaling at least 24 semester hours in any combination of the disciplines, as shown in A above, of which at least 12 semester hours were in the planning process, and socioeconomic and physical elements of planning, 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:**



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# **COMMUNITY PLANNER GS-0020-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: assisting with data collection or environmental analysis for water resources 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.achsnaatl.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.

# **COMMUNITY PLANNER GS-0020-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.



# **WATER RESOURCES PLANNER GS-0101-07/09/11**

## **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 behavioral or social science, or related disciplines appropriate to the position.

OR

B. Combination of Education and Experience: A combination of education and experience that provided the applicant with knowledge of one or more of the behavioral or social sciences equivalent to a major in the field.

OR

C. Experience: Four years of appropriate experience that demonstrated that the applicant has acquired knowledge of one or more of the behavioral or social sciences equivalent to a major in the field.

**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 data collection or environmental analysis for water resources 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.;

(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.achsnaatl.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.

# **WATER RESOURCES PLANNER GS-0101-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.



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# **ECONOMIST GS-0110-07/09/11**

## **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 economics that includes 21 semester hours in economics and 3 semester hours in statistics, accounting, or calculus.

OR

B. Combination of Education and Experience: Courses equivalent to a major in economics, 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: assisting with data collection or environmental analysis for water resources 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.;

(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.achsnaatl.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.**

# **ECONOMIST GS-0110-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.



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# **GEOGRAPHER GS-0150-07/09/11**

## **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 geography; or related physical or social science such as geology, meteorology, economics, statistics, sociology, anthropology, political science, history, cartography, computer science, urban studies, or planning that included at least 24 semester hours in geography or related fields.

OR

B. Combination of Education and Experience: Courses equivalent to a major in geography, or a related field that included at least 24 semester hours in geography or related fields, 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: assisting with data collection or environmental analysis for water resources 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.achsnaatl.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.

# **GEOGRAPHER GS-0150-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.



# **ARCHAEOLOGIST 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:**



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

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

**Specialized Experience:** One year of specialized experience which includes: assisting with data collection or environmental analysis for water resources 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.

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

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.



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# **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: assisting with data collection or environmental analysis for water resources 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.;

(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.achsnaatl.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) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.



US Army Corps  
of Engineers®

# **GENERAL ENGINEER/CIVIL ENGINEER GS-0801/0810-07/09/11**

## **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):**



# **GENERAL ENGINEER/CIVIL ENGINEER GS-0801/0810-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: assisting with data collection or environmental analysis for water resources 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.achsnaatl.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) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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.

# **GENERAL ENGINEER/CIVIL ENGINEER GS-0801/0810-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.

# **LANDSCAPE ARCHITECT GS-0807-07/09/11**

## **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 landscape architecture or landscape design.

OR

B. Combination of Education and Experience: For each year short of graduation, the applicant must have had one year of experience under professional leadership and guidance of such character and diversity as to be a satisfactory substitute for the required education. This experience must have included original landscape design.

**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):**

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

Specialized Experience: One year of specialized experience which includes: assisting with data collection or environmental analysis for water resources 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.

# **LANDSCAPE ARCHITECT GS-0807-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.

# **ARCHITECT GS-0808-07/09/11**

## **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 architecture or in a related field that included 60 semester hours of course work in architecture or related disciplines of which at least (1) 30 semester hours were in architectural design, and (2) 6 semester hours were in each of the following: structural technology, properties of materials and methods of construction, and environmental control systems.

OR

B. Combination of Education and Experience: College-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the arts and sciences underlying professional architecture, and (2) a good understanding, both theoretical and practical, of the architectural principles, methods, and techniques and their applications to the design and construction or improvement of buildings. The adequacy of such background must be demonstrated by at least one of the following:(1) Related Curriculum -Degree in architectural engineering provided the completed course work in architectural engineering provided knowledge, skills, and abilities substantially equivalent to those provided in the courses specified in statement A above, or (2) Experience: 1 year of experience in an architect's office or in architectural work for each year short of graduation from a program of study in architecture. In the absence of any college courses, 5 years of such experience is required. This experience must have demonstrated that you have acquired a thorough knowledge of the fundamental principles and theories of professional architecture.

**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):**



# **ARCHITECT GS-0808-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: assisting with data collection or environmental analysis for water resources 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.achsnatl.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) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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.

# **ARCHITECT GS-0808-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.

# **PHYSICAL SCIENTIST GS-1301-07/09/11**

## **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 physical science, engineering, or mathematics that included 24 semester hours in physical science and/or related engineering science such as mechanics, dynamics, properties of materials, and electronics.

OR

B. Combination of Education and Experience: Courses equivalent to one of the majors, as shown in A above, that included at least 24 semester hours in physical science and/or related engineering science, 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 (shown on next page):**

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

Specialized Experience: One year of specialized experience which includes: assisting with data collection or environmental analysis for water resources 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.

# **PHYSICAL SCIENTIST GS-1301-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.

# **HYDROLOGIST GS-1315-07/09/11**

## **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 physical or natural science, or engineering that included at least 30 semester hours in any combination of courses in hydrology, the physical sciences, geophysics, chemistry, engineering science, soils, mathematics, aquatic biology, atmospheric science, meteorology, geology, oceanography, or the management or conservation of water resources. The course work must have included at least 6 semester hours in calculus (including both differential and integral calculus), and at least 6 semester hours in physics.

OR

B. Combination of Education and Experience: Course work, as shown in A above, plus appropriate experience or additional education. Acceptable experience must have included performance of scientific functions related to the study of water resources, based on and requiring a professional knowledge of related sciences and the consistent application of basic scientific principles to the solution of theoretical and practical hydrologic problems. In the absence of water resource experience, professional scientific experience may be acceptable if such experience was preceded by appropriate education in hydrology or by professional hydrology experience.

**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):**

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

Specialized Experience: One year of specialized experience which includes: assisting with data collection or environmental analysis for water resources 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.

# **HYDROLOGIST GS-1315-07/09/11 (Continued)**

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

Specialized Experience: One year of specialized experience which includes: 1) collecting and analyzing environmental data used in water resource studies; AND 2) drafting preliminary interpretative 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.

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) collecting and analyzing data for use in water planning studies; AND 2) creating field survey investigation reports; AND 3) and communicating with management and internal/external customers regarding water resources issues and suggestions for possible resolution. 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.

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.