

0601 – Health Scientist (Informatics)

Major Duties for This Position May Include:

- Provides expert scientific advice, consultation, and leadership in designing, coordinating, and maintaining public health informatics project goals.
- Manages projects involved with public health informatics and serves as a subject matter expert in the design and implementation of IT systems integrating epidemiologic and other information from a scientific perspective.
- Designs, oversees, implements, and conducts scientific surveys/studies or projects to identify and solve health system related problems. perspective.
- Analyzes epidemiologic investigation data utilizing new methodologies or existing techniques that have been extensively revised.

Related Competencies

- Data Information and Synthesis
- Public Health Knowledge
- Data Analysis
- Problem Solving

Basic Requirements

Bachelor's, graduate, or higher-level degree in major study in an academic field related to the medical field, health sciences or allied sciences appropriate to the work of the position. This degree must be from an educational program from an accrediting body recognized by the U.S. Department of Education ([external link](#)) at the time the degree was obtained.

Minimum Qualifications

In additions to meeting the basic requirements above, applicants must meet the minimum qualifications requirement as defined below:

GS-07 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-05 grade level in the Federal Service. Specialized experience for this position includes:

- Assisting with the analysis of data sets/information using informatics, systems, and a variety of reporting tools
- Analyzes epidemiologic investigation data utilizing new methodologies or existing techniques

Or Education

One full year of graduate level education.

Or Superior Academic Achievement

Based on a bachelor's degree that is demonstrated through class standing (upper 1/3 of class); grade point average (3.0/4.0 overall or 3.5/4.0 in major), or election to membership in a qualifying national scholastic honor society.

Or Combination

You may qualify on a combination of education and experience, the total percentage of experience at the required grade level compared to the specialized experience requirement, as well as the percentage of completed education compared to the educational requirement must equal at least 100 percent.

GS-09 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-07 grade level in the Federal Service. Specialized experience for this position includes:

- Analyzes epidemiologic investigation data utilizing new methodologies or existing techniques
- Assisting with scientific surveys/studies or projects to identify and solve health system related problems

Or Education

2 years of progressively higher-level graduate education leading to a master's degree *or* master's or equivalent graduate degree if related. **TRANSCRIPTS REQUIRED.**

Or Combination

You may qualify on a combination of education and experience. The total percentage of experience at the required grade level compared to the requirement, must equal at least 100 percent. Only graduate level education more than the first 18 semester hours (27 quarter hours) may be combined to be considered for qualifying education. **TRANSCRIPTS REQUIRED.**

GS-11 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-09 grade level in the Federal Service. Specialized experience for this position includes:

- Performing scientific activities and analyses related to health care informatics in public health programs

- Analyze software to ensure database and software are compatible with other applicable environmental, epidemiologic, and surveillance systems

Or Education

Ph.D. or equivalent doctoral degree **or** three (3) full years of progressively higher-level graduate education. **TRANSCRIPTS REQUIRED.**

Or Combination

You may qualify on a combination of education and experience. The total percentage of experience at the required grade level compared to the requirement, must equal at least 100 percent. Only graduate level education more than the first 36 semester hours (54 quarter hours) may be combined to be considered for qualifying education. **TRANSCRIPTS REQUIRED.**

GS-12 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-11 grade level in the Federal Service. Specialized experience for this position includes:

- Providing scientific advice to public health organizations to synthesize and implement informatics policies and directions for future development.

Note: There is no substitution of education for specialized experience at the GS-12 level.

GS-13 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-12 grade level in the Federal Service. Specialized experience for this position includes:

- Managing projects involved with public health informatics and providing advice and guidance in the design and implementation of IT systems integrating epidemiologic and other information from a scientific perspective.

Note: There is no substitution of education for specialized experience at the GS-13 level.

GS-14 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-13 grade level in the Federal Service. Specialized experience for this position includes:

- Provides leadership in the development, testing, implementation and evaluation of scientific information technology and information systems needs and applicable software systems relating to public health informatics.

Note: There is no substitution of education for specialized experience at the GS-14 level.

GS-15 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-14 grade level in the Federal Service. Specialized experience for this position includes:

- Providing leadership in managing programs in surveillance, research, prevention, and evaluation with innovative integration of information technology and science with public health science
- Providing consultation and involvement in the development of policies, standards and guidelines that steer the selection, development, implementation, and use of Information Technology within an enterprise.

Note: There is no substitution of education for specialized experience at the GS-15 level.

Experience refers to paid and unpaid experience. Examples of qualifying unpaid experience may include volunteer work done through National Service programs (such as Peace Corps and AmeriCorps), as well as work for other community-based philanthropic and social organizations. Volunteer work helps build critical competencies, knowledge, and skills; and can provide valuable training and experience that translates directly to paid employment. You will receive credit for all qualifying experience, including volunteer experience.