



UNITED STATES OFFICE OF PERSONNEL MANAGEMENT  
Washington, DC 20415

The Director

Wednesday, June 5, 2002

MSG-040b

**MEMORANDUM FOR: Heads Of Executive Departments And Agencies**

Subject: Actuary Series GS-1510

*Use these individual occupational requirements in conjunction with the "Group Coverage Qualification Standard for Professional and Scientific Positions."*

*Basic Requirements:*

A. Degree: that included courses in actuarial science or mathematics and relevant statistics totaling at least 24 semester hours. This course work must have included differential and integral calculus and one or more courses in mathematics for which these calculus courses were prerequisite, and up to 9 semester hours of statistics.

OR

B. Combination of education and technical experience in actuarial support work or in mathematics, or an equivalent combination of education and experience. This education and/or experience must have included or been supplemented by either: (1) completion of the Society of Actuaries' Course 1, Mathematical Foundations of Actuarial Science; or (2) at least 24 semester hours in actuarial science, mathematics, and statistics as described above.

*Special Alternate Requirements for Actuary Positions at Grades GS-7 through GS-13:*  
Successful completion of appropriate courses/examinations offered by the Society of Actuaries and/or the Casualty Actuarial Society, as evidenced by an official SOA or CAS transcript, in addition to meeting the indicated educational or experience requirements, is fully qualifying at the grade levels shown below:

GS-7: Course of study as described in paragraph A of the *Basic Requirements* and (1) completion of course 1, Mathematical Foundation of Actuarial Science.

GS-9: Course of study as described in paragraph A of the *Basic Requirements* and (1) completion of course 1 (Mathematical Foundations of Actuarial Science); course 2 (Interest Theory, Economics, and Finance); and course 3 (Actuarial Models).

GS-11: Either (1) one year of successful professional actuarial experience equivalent to the GS-9 level or above, and completion of courses 1,2, and 3 above, plus course 4 (Actuarial Modeling), or (2) Fellowship in the Society of Actuaries or the Casualty Actuarial Society.

GS-12: One year of successful professional actuarial experience equivalent to the GS-11 level or above, and either (1) completion of courses 1, 2, 3, and 4 as described above, or (2) Fellowship in the Society of Actuaries or the Casualty Actuarial Society.

GS-13: One year of successful professional actuarial experience equivalent to the GS-12 level or above, and either (1) completion of courses 1,2,3,and 4 as described above, or (2) Fellowship in the Society of Actuaries or the Casualty Actuarial Society.

*Actuarial Courses and Examinations:* The actuarial courses and examinations are given by the Society of Actuaries and Casualty Actuarial Society. The first examination covers undergraduate level general mathematics; the second covers undergraduate level probability and statistics. The remaining written tests deal with more advanced aspects of actuarial work. Sample questions and additional information on the courses and examinations may be secured from:

Society of Actuaries  
475 N. Martingale Road, #800  
Schaumburg, Illinois 60173-2226

Casualty Actuarial Society  
1100 N. Glebe Road, #600  
Arlington, Virginia 22201