MASTER OF SCIENCE IN THE FIELD OF CHEMISTRY

REQUIREMENTS

Specific admission requirements are shown on the Graduate Program Finder. (http://www.gwu.edu/all-graduate-programs)

Prerequisite: a bachelor’s degree with a major in chemistry from this University, or an equivalent degree.

The following requirements must be fulfilled:

The general requirements stated under Columbian College of Arts and Sciences, Graduate Programs (http://bulletin.gwu.edu/arts-sciences/#degreeregulationtext).

Course work must include a minimum of five graduate-level courses; at least four of the courses must be core courses as defined in the department's Guide for Graduate Students; at least three must be offered by the Chemistry Department. At least two graduate-level courses must be taken outside the subdiscipline of the student and in at least two other subdisciplines/disciplines. Candidates are required to pass a Master's Comprehensive Examination as described in the department's Guide for Graduate Students.

Thesis option—30 credit hours of approved courses are required, including CHEM 6998 Thesis Research–CHEM 6999 Thesis Research, which may be in analytical, inorganic, organic, or physical chemistry.

Nonthesis option—36 credit hours of approved courses are required, including CHEM 6395 Research. Up to 9 credit hours in other departments related to the student’s area of interest (e.g., Forensic Sciences) may be included in the program, subject to the approval of the Department of Chemistry. Students who are or will be employed in organizations dealing with science and technology policy programs may select from specified courses offered by Information Systems and Technology Management, Political Science, Public Policy and Public Administration, and the Elliott School of International Affairs.

Note: All entering students in graduate chemistry programs are required to take the American Chemical Society Graduate Level Placement Examinations, given by the Department of Chemistry, prior to matriculation. The four placement examinations (in the disciplines of analytical, organic, inorganic, and physical chemistry) are designed to cover the subject matter in the disciplines generally taught in undergraduate programs preparatory for graduate work in chemistry, and the results are used by the department to advise the individual student in planning a program of courses appropriate to the student’s background. All graduate students are required to participate in the seminar and colloquium programs. Upon consultation with course instructors, specific course prerequisites may be waived.