

OLD PROGRAM REQUIRMENTS (PRIOR TO FALL 2022)

Description of the M.S. Program

Students must satisfactorily complete 32 points (minimum of 24 points while in residence at New York University) with a GPA of 3.0 or better and no single class grade below B-. Students are required to take a 0-credit course, CHEM-GA 2673, Professional Development in the Sciences, during their first semester in residence.

Students may choose one of the two plans described below to graduate:

Plan 1) Thesis Masters students must complete 20 points in graduate lecture courses and must prepare a dissertation based on original research using the NYU Dissertation formatting requirements. The 12 remaining points needed to reach the 32 points required for graduation typically stem from enrolling in a section of "Research" (CHEM-GA 2932). The student's dissertation is accompanied by an oral examination and defense of this research. The Master's Thesis Examination Committee consists of three members of the faculty (one must be the thesis advisor). The Master's thesis defense consists of an oral presentation by the student, approximately 45-50 minutes in length, which is open to the public. A closed-door question-and-answer session by the Master's Thesis Examination Committee immediately follows the public presentation.

Plan 2) Non-thesis Masters students must complete 30 points in graduate lecture courses and the mandatory 2-credit course CHEM-GA 3010, Graduate Seminar, with a GPA of 3.0 or better. In this seminar course, the student must research an important topic of chemistry from the literature (the topic has to be agreed on by the instructor of record for the seminar course), identify 3-5 publications that describe cutting edge research in the chosen topic, prepare and present a 45-minute seminar on the chosen topic in a public setting, followed by a Q&A session from the audience. This literature review, followed by a public presentation, is viewed as the capstone requirement for this plan.

Submission of Forms: Students are responsible for the submission of all required forms at the above outlined deadlines to the graduate office of the chemistry department. These forms include (but are not limited to):

- [GSAS Thesis Exam Form \(1/2\)](#)
- [Departmental Thesis Exam Form \(2/2\)](#)
- [Master's Thesis Advisor Selection Form](#)