

Chemistry, PhD

Requirements

The Doctor of Philosophy program in chemistry requires a minimum of 72 s.h. of graduate credit. Degree requirements include demonstrating proficiency in core areas of chemistry; completing a minimum of 11 s.h. of advanced coursework, a 1 s.h. ethics course, and a 1 s.h. chemistry proposal writing course; passing a comprehensive examination; successfully completing an original research proposal; giving two public seminars; and producing at least one published or accepted paper in a peer-reviewed journal based on a student's dissertation research.

Students who meet proficiency and advanced course requirements with a cumulative grade-point average of 3.00 or higher are admitted to the comprehensive examination. The examination is based on a research progress report and an oral examination with the student's graduate academic committee. Students must take the comprehensive examination no later than the end of their second year of enrollment.

Near the end of the PhD, candidates prepare the dissertation and present it to their graduate committee for review. The final examination consists of an oral defense of the dissertation, which may include the published or accepted paper(s) previously mentioned.

For more information and details, please visit the Graduate Program in Chemistry page on the Department of Chemistry website.