

ACADEMIC INTEGRITY AND USE OF GENERATIVE ARTIFICIAL INTELLIGENCE TECHNOLOGY

All graduate students are expected to adhere to Northwestern University's Academic Integrity guidelines, as well as individual school policies (e.g., WCAS and TGS etc.), as found here: <https://www.northwestern.edu/provost/policies-procedures/academic-integrity/>

Specifically regarding the use of generative artificial intelligence technology, the following sections of the [Academic Integrity: A Basic Guide](#) are reiterated below, and should be considered for all aspects of degree requirements (i.e., course work, qualifying exam and original research proposal documents, and final written thesis).

Cheating: using unauthorized notes, study aids, or information on an examination; altering a graded work after it has been returned, then submitting the work for regrading; allowing another person or resource (including, but not limited to, generative artificial intelligence) to do one's work and submitting that work under one's own name without proper attribution; submitting identical or similar papers for credit in more than one course without prior permission from the course instructors.

Plagiarism: submitting material that in part or whole is not entirely one's own work without attributing those same portions to their correct source. Plagiarism includes, but is not limited to, the unauthorized use of generative artificial intelligence to create content that is submitted as one's own.

In addition, the Department of Chemistry expects all graduate students to follow additional guidance for the use of generative artificial technology as stipulated by The American Chemical Society in their [Author Guidelines](#). As stated, "Artificial intelligence (AI) tools do not qualify for authorship. The use of AI tools for text or image generation should be disclosed in the manuscript within the Acknowledgment section with a description of when and how the tools were used." As this relates to degree requirements, the use of generative artificial intelligence technology for writing or image creation is allowed, but the use of these tools should be disclosed to advisors and their use clearly attributed within any documents with appropriate citation. For some helpful best practices on the use of artificial intelligence tools for scientific writing see, [Buriak et al *ACS Nano* 2023, 17, 4091–4093](#).

I, _____, have read and fully understand the document entitled "REQUIREMENTS FOR THE DOCTOR OF PHILOSOPHY DEGREE IN CHEMISTRY" that became effective on 1 January 2024 for Northwestern University's Department of Chemistry. I agree to abide by all requirements and other terms set forth in the document.

Signature: _____

Date: _____

Students are responsible for a complete understanding of these guidelines. If you have any questions, please contact either the Graduate Program Assistant or the Director of Graduate Studies.

Please return signed and dated form to the Graduate Program Assistant by September 26, 2024.