

# Chemistry Additional Degree

\*Updated 2026

Neag Chemistry Requirements (not required by CLAS)	Neag and CLAS Requirements	Neag Required Courses that Meet CLAS Related Course Requirements	Additional CLAS Requirements (not required by Neag)
<ul style="list-style-type: none"> <li>• MCB 2000</li> <li>• CHEM 3210</li> </ul>	<p><b>Mathematics and Physics sequences:</b></p> <ul style="list-style-type: none"> <li>• MATH 1131Q – Calculus I</li> <li>• MATH 1132Q – Calculus II</li> <li>• MATH 2110Q – Multivariable Calculus</li> <li>• PHYS 1201Q / 1202Q / 1401Q / 1402Q / 1501Q / 1502Q / 1601Q / 1602Q – General Physics</li> </ul> <p><b>Neag &amp; CLAS Requirements:</b></p> <p><b>Introductory Chemistry:</b></p> <ul style="list-style-type: none"> <li>• CHEM 1127 / CHEM 1128 – General Chemistry</li> <li>• CHEM 2443 / 2444 / 2445 – Organic Chemistry + Lab</li> <li>• CHEM 3210 – Descriptive Inorganic Chemistry</li> <li>• CHEM 3214 – Intermediate Inorganic Chemistry</li> <li>• CHEM 3332 – Quantitative Analytical Chemistry</li> <li>• CHEM 3334 – Instrumental Analysis I</li> <li>• CHEM 3563 – Physical Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>• CHEM 1127Q/ 1128Q – General Chemistry</li> <li>• CHEM 2443/ 2444 / 2445 – Organic Chemistry + Lab</li> <li>• CHEM 3210 – Descriptive Inorganic Chemistry</li> <li>• CHEM 3214 – Intermediate Inorganic Chemistry</li> <li>• CHEM 3332 – Quantitative Analytical Chemistry</li> <li>• CHEM 3334 – Instrumental Analysis I</li> <li>• CHEM 3563 – Physical Chemistry</li> </ul> <p><b>Additional Science:</b></p> <ul style="list-style-type: none"> <li>• BIOL 1107 / 1108 – Principles of Biology (TOI-6 &amp; TOI-6L)</li> <li>• PHYS 1201Q / 1202Q / 1401Q / 1402Q / 1501Q / 1502Q / 1601Q / 1602Q – General Physics</li> <li>• MCB 2000 – Introduction to Biochemistry</li> </ul> <p><b>CLAS Common Curriculum Alignment:</b></p> <ul style="list-style-type: none"> <li>• TOI-1, TOI-2, TOI-3, TOI-4: no required courses in these areas, so students choose</li> <li>• TOI-5 (HIST 1501/1502)</li> <li>• TOI-6 (PSYC 1100)</li> </ul>	<p><b>CLAS Additional Course Requirements:</b></p> <ul style="list-style-type: none"> <li>• MATH 2410Q – Differential Equations</li> <li>• CHEM 3564 – Physical Chemistry II</li> <li>• CHEM 3565W – Physical Chemistry Laboratory</li> </ul> <p><b>Bachelor of Science:</b></p> <ul style="list-style-type: none"> <li>• At least 35 credits of Chemistry courses numbered 2000 and above must be successfully completed for the Bachelor of Science in Chemistry in addition to the College B.S. requirements.</li> </ul> <p><b>Bachelor of Arts:</b></p> <ul style="list-style-type: none"> <li>• At least 28 credits of Chemistry courses numbered 2000 or above.</li> </ul> <p><b>CLAS Skill Area:</b></p> <ul style="list-style-type: none"> <li>• Information literacy competency requires <a href="#">CHEM 3565W</a> Physical Chemistry Laboratory.</li> </ul> <p><b><a href="#">CLAS Common Curriculum Requirements</a></b> (in addition to University CC):</p>

		<ul style="list-style-type: none"> <li>TOI-6 Lab (BIOL 1107)</li> </ul> <p><b>TOI 9 credit Focus Area:</b></p> <ul style="list-style-type: none"> <li>TOI-6</li> </ul>	<ul style="list-style-type: none"> <li>CLAS Skills Areas – 3 credits in <b>two of three</b> skills areas (6 credits total): Communication &amp; Dialogue, Information, Digital &amp; Media Literacy, Leadership Skills &amp; Ethics</li> <li>Additional Q course</li> <li>Complete additional 3 cr. in each of the following: TOI-2, TOI-3, TOI-5 and TOI-6</li> </ul>
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Helpful Links:

[University Common Curriculum](#)

[CLAS Common Curriculum Requirements](#)

[CLAS Chemistry Department Advising](#)

[Neag School of Education Advising Office](#)