

# Mathematics Additional Degree

\*Updated 2026

Neag Mathematics 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>MATH 2720 – History of Mathematics</li> </ul>	<p><b>Introductory Mathematics:</b></p> <ul style="list-style-type: none"> <li>MATH 1131Q – Calculus I</li> <li>MATH 1132Q – Calculus II</li> </ul> <ul style="list-style-type: none"> <li>MATH 2110Q – Multivariable Calculus</li> <li>MATH 2210Q – Applied Linear Algebra</li> <li>MATH 2410Q – Elementary Differential Equations</li> <li>MATH 2710 – Transition to Advanced Mathematics</li> </ul>	<p><b>Mathematics Teaching Concentration (CLAS-recognized)</b></p> <ul style="list-style-type: none"> <li>MATH 2360Q – Geometry</li> <li>MATH 3240 – Introduction to Number Theory</li> <li>MATH 3710 – Introduction to Mathematical Modeling</li> </ul> <p><b>Additional Math &amp; Statistics (CLAS-Acceptable)</b></p> <ul style="list-style-type: none"> <li>MATH 3160 – Probability</li> <li>STAT 1000Q or 1100Q – Statistics</li> <li>STAT 2215Q – Introduction to Statistics II</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> <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>	<p><b>CLAS requires completion of one full concentration, listed:</b></p> <ul style="list-style-type: none"> <li>Pure Mathematics</li> <li>Applied Mathematics</li> <li>Teaching Mathematics</li> </ul> <p><b>CLAS Mathematics Writing and Information Literacy Requirement:</b></p> <ul style="list-style-type: none"> <li>All Mathematics majors must pass one MATH W course.</li> </ul> <p><b>Related Courses</b></p> <ul style="list-style-type: none"> <li>Students must complete an additional 12 credits of 2000-level or higher non-MATH courses approved by the Mathematics Department.</li> </ul> <p><b>CLAS Common Curriculum Requirements</b> (in addition to University CC):</p> <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> </ul>

			<ul style="list-style-type: none"><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>
--	--	--	---

**Helpful Links:**

[University Common Curriculum](#)

[CLAS Common Curriculum Requirements](#)

[CLAS Mathematics Department](#)

[Neag School of Education Advising Office](#)