

Minor Map for Mathematics (MATH-M) 2016-17 through 2023-24 Catalog Years



Last Updated: July 13, 2023

Department Information:

Faculty who have exception/substitution authority: Matthew Clay

Transfer Coursework Restriction: At least 50% of a student's Arts and Sciences (ARSC) major or minor must be taken at the University of Arkansas.

Category	Degree Requirements	Curriculum Notes
<p>POSSIBLE PREREQUISITE CLASSES</p> <p>8-15 hrs</p>	<p>___ MATH 1203, College Algebra (may not be required based on math placement)</p> <p>___ MATH 1284c, Pre-Calculus OR MATH 1213, Plane Trigonometry (may not be required based on math placement)</p> <p>___ MATH 2554c, Calculus I (pre-req: MATH 1284c, 1213, or math placement)*</p>	<p>Students must earn a C or higher to use a class as a pre-requisite.</p> <p>The students first math course also meets university core requirements. Based on ACT/SAT or other math placement scores, students may need to enroll in additional remediation related courses. See catalog or math placement website for additional information.</p> <p>*MATH 2445, Calculus 1 with Review, can also be taken here.</p>
<p>MATH MINOR CORE</p> <p>7-8 hrs</p>	<p>___ MATH 2564c, Calculus II (pre-req: MATH 2554c)</p> <p>Choose 1:</p> <p>___ MATH 2603, Discrete Mathematics (Pre-req: MATH 2554c)</p> <p>___ MATH 2803/2801L, Transition to Advanced Mathematics (Pre-req: MATH 2554c)*</p> <p>___ MATH 4423, Introduction to Partial Differential Equations (Pre-req: MATH 2584 and MATH 2574)</p> <p>___ MATH 3583, Foundations of Applied Mathematics (Fall. Pre-req: MATH 2584 and MATH 2574)</p>	<p>*While not listed in the minor as a requirement, MATH 2801L is a co-requisite class that needs to be taken along with MATH 2803.</p>
<p>MATH ELECTIVES</p> <p>9-12 hrs</p>	<p>Take 3 additional courses chosen from any MATH 3000+ class that is at least 3 hrs of the following:</p> <p>___ MATH 2574, Calculus III (Pre-req: MATH 2564)</p> <p>___ MATH 2584, Elementary Differential Equations (Pre-req: MATH 2564)</p> <p>___ MATH 3000+ _____</p> <p>___ MATH 3000+ _____</p> <p>___ MATH 3000+ _____</p>	<p>Upper-level math classes may have additional pre-requisites.</p> <p>(2016-2020 catalogs list STAT 3013, intro to probability as one of the options. This was removed in the 2021 catalog but can still count in the minor since it is cross-listed with MATH 3013, a 3000+ MATH elective.)</p> <p>MATH 399T or 499T transfer courses can count here as long as students still meet the 50% rule. Not all 99T classes pull into the degree audit automatically, so students may need to request classes be moved into the minor by their academic advisor.</p>