

# Minor Map for Mathematics (MATH-M) 2016-17 through 2024-25 Catalog Years



Last Updated: May 2, 2024

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><b>POSSIBLE PREREQUISITE CLASSES</b></p> <p><b>8-15 hrs</b></p>	<p>___ <b>MATH 11003</b>, College Algebra (may not be required based on <a href="#">math placement</a>)</p> <p>___ <b>MATH 13004</b>, Pre-Calculus OR MATH 12003, Plane Trigonometry (may not be required based on <a href="#">math placement</a>)</p> <p>___ <b>MATH 24004</b>, Calculus I (pre-req: MATH 13004, 12003, or <a href="#">math placement</a>)*</p>	<p><b>Students must earn a C or higher to use a class as a pre-requisite.</b></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 <a href="#">catalog</a> or <a href="#">math placement</a> website for additional information.</p> <p>*MATH 24005, Calculus 1 with Review, can also be taken here.</p>
<p><b>MATH MINOR CORE</b></p> <p><b>7-8 hrs</b></p>	<p>___ <b>MATH 25004</b>, Calculus II (pre-req: MATH 24004)</p> <p><b>Choose 1:</b></p> <p>___ MATH 26103, Discrete Mathematics (Pre-req: MATH 24004)</p> <p>___ MATH 28003 Transition to Advanced Mathematics (Pre-req: MATH 24004)*</p> <p>___ MATH 44203, Introduction to Partial Differential Equations (Pre-req: MATH 26004 and MATH 25804)</p> <p>___ MATH 35803, Foundations of Applied Mathematics (Fall. Pre-req: MATH 25804 and MATH 26004)</p>	<p>* MATH 28001 is listed as a co-requisite to MATH 2803. This is not enforced for MATH minors. Students may reach out to the department to request an override into just MATH 28003</p>
<p><b>MATH ELECTIVES</b></p> <p><b>9-12 hrs</b></p>	<p>Take <b>3 additional courses</b> chosen from any MATH 30000+ class that is at least 3 hrs of the following:</p> <p>___ MATH 26004, Calculus III (Pre-req: MATH 25004)</p> <p>___ MATH 25804, Elementary Differential Equations (Pre-req: MATH 25004)</p> <p>___ MATH 30000+ _____</p> <p>___ MATH 30000+ _____</p> <p>___ MATH 30000+ _____</p>	<p>Upper-level math classes may have additional <a href="#">pre-requisites</a>.</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 3999T or 4999T transfer courses can count here as long as students still meet the 50% rule. Not all 999T classes pull into the degree audit automatically, so students may need to request classes be moved into the minor by their academic advisor.</p>