

# Minor Map for Mathematics (MATH-M)



UNIVERSITY OF  
ARKANSAS

Fulbright College  
of Arts & Sciences  
Academic Services

Catalog Years: 2016-17 through 2025-26

Last Updated: June 5, 2025

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  |
|---|--|---|
| <b>POSSIBLE PREREQUISITE CLASSES</b><br><br><b>8-15 hrs</b>   | <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> |
| <b>MATH MINOR CORE</b><br><br><b>7-8 hrs</b>                  | <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> |   |
| <b>MATH ELECTIVES</b><br><br><b>9-12 hrs</b>                  | <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>   |
| <b>MATH-M Residency Rule</b><br><br><b>0 Additional Hours</b> | <p>Of courses taken for the above requirements students must complete <b>8 hours</b> of courses with the MATH or STAT course prefix in residence.</p>  | <p>In residence means courses taken from the University of Arkansas Fayetteville Campus. This includes UA faculty-led study abroad classes online/on-campus classes and Global Campus courses and all other courses paid towards Fayetteville campus tuition and fees.</p>  |

