

# Mathematics Minor Check Sheet

Students wishing to minor in mathematics must have a total of 18 credits in Math, 9 of which must come from upper level courses.  
 Courses marked with ⊗ are required for the minor. Any other combination of courses will satisfy the minor requirement.

Course Number	Course Name	Prerequisites	Semesters Offered	≥ C
⊗ Math/Honors 2413	<i>Calculus I</i>	2312	Fall (H), Spring, Summer	<input type="checkbox"/>
⊗ Math/Honors 2414	<i>Calculus II</i>	2413	Fall, Spring (H), Summer	<input type="checkbox"/>
Math/Honors 3404	Multivariate Calculus	2414	Fall (H), Spring	<input type="checkbox"/>
MATH 3203	Matrix Methods in Sci. and Engr.	2413	Fall, Spring, Summer	<input type="checkbox"/>
MATH 3305	Ordinary Differential Equations	2414	Fall, Spring	<input type="checkbox"/>
MATH 3351	Engineering Probability and Statistics	2414	Fall, Summer	<input type="checkbox"/>
MATH 3380	Algorithms in Applied Mathematics	2414	Spring	<input type="checkbox"/>
⊗ Math 3425	<i>Foundations of Mathematics</i>	2414	Fall, Spring	<input type="checkbox"/>
Math 3315	Linear Algebra	c. 3425	Fall	<input type="checkbox"/>
Math 3336	Abstract Algebra I	3425	Spring	<input type="checkbox"/>
Math 3345	Analysis I	3425	Fall	<input type="checkbox"/>
Math 4350	Probability Theory	3425	Fall	<input type="checkbox"/>
Math 3373	Nonlinear ODE	3425, 3305, 3315	Spring	<input type="checkbox"/>
Math 4373	Partial Differential Equations	3425, 3305, 3404	Fall (even)	<input type="checkbox"/>
Math 4336	Abstract Algebra II	3336	Fall (odd)	<input type="checkbox"/>
Math 4341	Analysis II	3345	Spring (odd)	<input type="checkbox"/>
Math 4351	Applied Statistics	4350	Spring (even)	<input type="checkbox"/>
Math 3365	Geometric Systems	3425	Spring	<input type="checkbox"/>
Math 4301	Number Theory	3425	Fall (even)	<input type="checkbox"/>
Math 4306	Topology	3345	Spring (even)	<input type="checkbox"/>
Math 4321	Combinatorics	3425	Spring (odd)	<input type="checkbox"/>
Math 4342	Introduction to Complex Analysis	3404, 3425	Fall (odd)	<input type="checkbox"/>
Math 4380	Modeling and Numerical Analysis	3380, 3425	Fall (periodically)	<input type="checkbox"/>

All courses listed below *Math 3425: Foundations of Mathematics* have a Foundations prerequisite, in addition to any other listed requirement(s).

Summer courses must have 10 enrolled students to be offered.