

# Mathematics Minor Degree Check Sheet

Need a total of 18 credits in math, 9 of these from upper level courses.  
 Courses listed in boldface are required. Pick two of the remaining classes.

Course Number	Course Name	Prerequisites	Semester Offered	Passed with "C" or better
<b>MATH 2113</b>	<b>Calculus I Lab</b>	CoReq is 2413	F, Sp, Sm(8)	<input type="checkbox"/>
<b>MATH 2413</b>	<b>Calculus I</b>	MATH 1314 MATH 1316	F, Sp, Sm(8)	<input type="checkbox"/>
<b>MATH 2414</b>	<b>Calculus II</b>	MATH 2413	F,Sp, Sm(8)	<input type="checkbox"/>
MATH 3404	Multivariate Calculus	MATH 2414	F,Sp	<input type="checkbox"/>
<b>MATH 3425</b>	<b>Foundations of Mathematics</b>	MATH 2414	F, Sp	<input type="checkbox"/>
MATH 3203	Matrix Methods in Science and Engineering	MATH 2414	F,Sp,Sm	<input type="checkbox"/>
MATH 3305	Ordinary Differential Equations	MATH 2414	F,Sp	<input type="checkbox"/>
MATH 4160	Senior Seminar	Must be a Senior	Sp	<input type="checkbox"/>
MATH 3336	Abstract Algebra I	MATH 3425	Sp	<input type="checkbox"/>
MATH 3345	Analysis I	MATH 3425	F	<input type="checkbox"/>
MATH 4350	Theory of Probability	MATH 2414 MATH 3425	F	<input type="checkbox"/>
MATH 3380	Algorithms in Applied Mathematics	COSC 1336/1136 MATH 2413	Sp	<input type="checkbox"/>
MATH 4336	Abstract Algebra II	MATH 3336	F	<input type="checkbox"/>
MATH 4341	Introduction to Real	MATH 3345	Sp	<input type="checkbox"/>
MATH 4351	Applied Statistics	MATH 4350	Sp	<input type="checkbox"/>
MATH 4380 <b>-OR-</b> MATH 4342	Modeling and Numerical Analysis <b>-OR-</b> Introduction to Complex Analysis	MATH 3380 -- MATH 3345	EOF(even)  EOF(odd)	<input type="checkbox"/>

F = Fall, Sp = Spring, Sm = Summer, Sm(8) = 8-week summer, EOF = every other Fall