

Mathematics B.S. Degree Check Sheet

Course Number	Course Name	Prerequisites	Semester Offered	Passed with "C" or better
MATH 2413/2113	Calculus I/Lab	MATH 1314 MATH 1316	F, Sp, Sm(8)	<input type="checkbox"/>
MATH 2414/2114	Calculus II/Lab	MATH 2413	F, Sp, Sm(8)	<input type="checkbox"/>
MATH 3404/3104	Multivariate Calculus/Lab	MATH 2414	F, Sp	<input type="checkbox"/>
MATH 3425	Foundations of Mathematics	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	F, 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"/>

You must take *three* of the following four courses:

MATH 4336	Abstract Algebra II	MATH 3336	F	<input type="checkbox"/>
MATH 4341	Analysis II	MATH 3345	Sp	<input type="checkbox"/>
MATH 4351	Applied Statistics	MATH 4350	Sp	<input type="checkbox"/>
MATH 4380 -OR- MATH 4342	Modeling and Numerical Analysis -OR- Introduction to Complex Analysis	MATH 3380 -- MATH 2435	EOF(even) EOF(odd)	<input type="checkbox"/>

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

All students must ***select a minor*** consisting of 18 hours of specialized study. See your advisor for your minor selection.