

# Mathematics Major Planning Guide

**Important:** In order to complete the mathematics major in four years, majors should complete Math 310 within the first two years at Drew. Typically, a major takes MATH 150 and MATH 151 in the first year. In the second year, a major typically takes MATH 250 and MATH 310 in the fall semester, and MATH 303 and a second upper-level course in the spring (either MATH 315 or an upper-level elective).

In addition to Math 150, 151 and Math 250 students must also take:

Courses:	Academic Year		Academic Year		Academic Year		Academic Year		Prerequisites*
	Fall even year	Spring odd year	Fall odd year	Spring even year	Fall even year	Spring odd year	Fall odd year	Spring even year	
Math 310 Foundations	X		X		X		X		Math 151
Math 303 Linear Algebra		X		X		X		X	Math 150
Math 330 Analysis		X				X			Math 250, 310
Math 335 Abstract Algebra				X				X	Math 310 Math 303 (coreq)
Math 400*** Senior Seminar		X		X		X		X	Math 310 and senior standing
One course chosen from the following three:									
Math 227 Intermed. Stats.	X		X		X		X		Math 117
Physics 150 Physics	X		X		X		X		Math 150 (coreq)
CSCI 151 O. O. P.	X	X	X	X	X	X	X	X	CSCI 115
Four courses chosen from the following electives, at least three of which must be upper level:									
Math 227** Intermed. Stats.	X		X		X		X		Math 117
Math 315 D.E.s		X		X		X		X	Math 250
Math 325 Math. Physics	X				X				Math 315 Physics 150
Math 320 Probability			X				X		Math 250, 310
Math 340*** Select Topics	X	X		X	X	X		X	Math 310

\*\*Math 227 can only count in one of the two categories above.

\*\*\*Depending on enrollments, the MATH 400 Senior Capstone might be part of the spring topics course.