

Two Year Sample Graduation Plan

Master's Degree in Mathematics

Our [program website](#) has the current requirements. See also the [bulletin entry for the program](#). Below is a sample plan for a student planning to graduate in two years. Please note that actual course offerings will vary from year to year.

Semester/Credits	Course 1	Course 2	Course 3
1st (Fall) 8 credits	Math 323: Advanced Calculus 1 (4 cr)	Math A4600: Linear Algebra (4 cr)	
2nd (Spring) 12 credits	Math 324: Advanced Calculus 2 (4 cr)	Math A3400: Theory of Functions of a Real Variable 1 (4 cr)	Math A7700: Stochastic Processes 1 (4 cr)
3rd (Fall) 10 credits	Math A3200: Theory of Functions of a Complex Variable 1 (4 cr)	Math A4900: Modern Algebra 1 (4 cr)	Math A9802: Independent Study (2 cr)
4th (Spring) 8 credits	Math A1200: Topics in Applied Mathematics (4 cr)	Math A6300: Topology 1 (4 cr)	

Credit requirement: At least 30 graduate credits are required for the degree.

Undergraduate prerequisites: A course in Linear Algebra and two semesters of undergraduate Real Analysis are prerequisites to entering the MS program. However, students missing these prerequisites may be conditionally admitted to the program under the stipulation that these undergraduate courses ([Math 346](#), [Math 323](#), [Math 324](#)) are completed in the first year of study. These courses do not count towards the 30 credit requirement for graduation.

Required courses: At least three Mathematics courses from this list are required: [A3200](#), [A3400](#), [A4900](#), [A6300](#), [A7700](#), [A7800](#).