Example Plan of Study
BS in Mathematics / MS in Applied Mathematics

YEAR	FALL	SPRING	N1	N2	N3	N4
1	• MATH 1401: Calculus I • *[4 undergraduate non major courses]*	• MATH 2411: Calculus II • *[4 undergraduate non major courses]*	8	24	0	0
2	• MATH 2421: Calculus III • MATH 3191: Applied Linear Algebra • *[3 undergraduate non major courses]*	• MATH 3000: Introduction to Abstract Mathematics • MATH 3382: Statistical Theory • *[3 undergraduate non major courses]*	13	18	0	0
3	• 1 Undergrad MATH elective above 3000 excluding 3195, 3511, 3800, 3999, and 4830 • MATH 1376: Programming for Data Science • MATH 4310: Introduction to Real Analysis 1 • *[2 undergraduate non major courses]*	• 1 Undergrad MATH elective above 3000 excluding 3195, 3511, 3800, 3999, and 4830 • One graduate course in MATH prefix • *[3 undergraduate non major courses]*	12	15	3	0
	Following the Fall semester of year 3, contact the (Co-) Graduate Director to apply for entry into the 5 year BS/MS Program					
4	• *[2 undergraduate non major courses]* • MATH 5718: Applied Linear Algebra • One graduate course in MATH prefix	• *[2 undergraduate non major courses]* • MATH 5070: Applied Analysis • MATH 5779: Math Clinic or MATH 6330: Workshop in Statistical Consulting	0	12	12	12
5	• *[2 undergraduate non major courses]* • One graduate course in the MATH PREFIX One graduate course in the MATH PREFIX *GRADUATE FROM BS PROGRAM*	• One graduate course in the MATH PREFIX • One graduate course in the MATH PREFIX • One graduate course in the MATH PREFIX *MATRICULATE INTO MS PROGRAM and GRADUATE FROM MS PROGRAM*	0	6	15	0
		TOTALS =	33	75	30	12

N1 = number of undergraduate hours applying to major requirements
N2 = number of undergraduate non-major hours
N3 = number of graduate hours
N4 = number of graduate hours that apply to both the BS in Mathematics and the MS in Applied Mathematics