

## Sample Course of Study – Teaching Track

### Year One:

Fall Semester:	MATH 6253	Mathematical Analysis I
	MATH 6513	Applied Linear Algebra
Spring Semester:	MATH 6263	Mathematical Analysis II
	MATH 6743	Advanced Perspectives on Secondary Education
Summer:	MATH 6473	Combinatorial Analysis
	MATH 6713	Strategies for Teaching Mathematics

### Year Two:

Fall Semester:	MATH 6233	Geometry
	MATH 6203	Applied Probability
Spring Semester:	MATH 6723	Assessment and Classroom Management in Mathematics Education
	MATH 6213	Statistical Methods
Summer:	MATH 6483	Theory of Graphs
	MATH 6733	Research in Mathematics Education

## Sample Course of Study – Applied Track

### Year One:

Fall Semester: MATH 6253 Mathematical Analysis I  
MATH 6513 Applied Linear Algebra

Spring Semester: MATH 6263 Mathematical Analysis II  
MATH 6103 Numerical Methods in Applied Mathematics

Summer: MATH 6473 Combinatorial Analysis  
MATH 6003 Dynamical Systems and Applications

### Year Two:

Fall Semester: MATH 6203 Applied Probability  
MATH 6363 Theory of Partial Differential Equations

Spring Semester: MATH 6213 Statistical Methods  
MATH 6903 Bio-Mathematics

Summer: MATH 6483 Theory of Graphs  
MATH 6023 Introduction to Mathematical Control Theory