Suggested 4-year program plan
Mathematics Major (no emphasis)

Note: This recommended schedule includes only the mathematics program requirements. It does not include other degree requirements for graduation (e.g., University Studies Program requirements).

Year	Core Courses	Other Required Courses		Elective(s)
Freshman	Math 171 (4 cr) Math 172 (4 cr)			
Sophomore	Math 222 (3 cr) Math 256 (3 cr) Math 273 (4 cr) Math 301 (3 cr)			
Junior			**Analysis** (3 cr): Math 467 or Math 480 **Algebra** (3 cr): Math 346, Math 347, Math 348, or Math 349 **Applied** (3 cr): Math 352, Math 355, Math 356, Math 371, or Math 376	Sufficient additional credits (usually 7-8), not already taken, chosen from the Upper Level Course list (see below)
Senior		**Capstone** (2-3 cr): Math 365, Math 403, Math 430, Math 446, Math 474, or Math 495		

Upper Level Course List

Algebra:	Math 346 Linear Algebra	Math 348 Intro to Ring Theory
	Math 347 Intro to Group Theory	Math 349 Intro to Number Theory
Analysis:	Math 375 Vector & Complex Analysis	Math 480 Intro to Topology
	Math 467 Intro to Real Analysis	
Applied:	Math 352 Computing Math w/ Apps	Math 371 Differential Equations
	Math 355 Intro to Numerical Analysis	Math 376 Partial Diff. Eq. & BVPs
	Math 356 Linear Numerical Analysis	
Geometry:	Math 331 Fundamentals of Geometry	Math 334 Hyperbolic Geometry
Statistics:	Math 302 Intermediate Statistical Methods	Math 385 Applied Regression Analysis
	Math 304 Intro to Nonparametric Methods	Math 386 Linear Statistical Models
	Math 305 Stats for Quality & Productivity	Math 401 Mathematical Statistics
	Math 381 Stochastic Modeling	