MATHEMATICS, B.S.

Code	Title	Credits
General Education Requirement (http://catalog.niagara.edu/undergraduate/curriculum/foundation-courses/)		
Major Requirement		
MAT 111 & MAT 112	Calculus I and Calculus II	8
MAT 222	Differential Equat	3
MAT 227	Foundat of Math	3
MAT 228	Linear Algebra	4
MAT 331 or MAT 442	Analysis I Complex Variable	3
MAT 333	Algebra Structures I	3
MAT 335	Prob and Stat I	3
MAT 336	Probability and Statistics II (or second semester of an upper level course)	3
MAT 499 or MAT 404	Senior Seminar Honors Thesis II	3
MAT or STA electives (300-400 level)		12
Concentration electives [2]		12
CIS 265	Visual Programming I	3
Advised electives		3
Total Credits		**63**

[1] Geared to specialty pattern in mathematics or to a minor specialty in any area. Should be at intermediate and/or advanced levels; departmental approval necessary.