MATHEMATICS, B.A.

Code	Title	Credits
General Education Requirement		
VSJ 100	Vincentian Social Justice	3
Foundation Courses (http://catalog.niagara.edu/undergraduate/curriculum/foundation-courses/)		27
Distribution Courses (http://catalog.niagara.edu/undergraduate/curriculum/general-education-distribution-courses/)		30
Major Requirement		
MAT 111 & MAT 112 & MAT 221	Calculus I and Calculus II and Calculus III	12
MAT 227	Foundat of Math	3
MAT 228	Linear Algebra	4
MAT 331	Analysis I	3
MAT 333	Algebra Structures I	3
MAT 499 or MAT 404	Senior Seminar Honors Thesis II	3
Mathematics electives [2]		15
Concentration electives [3]		12
CIS 160 or CIS 265	Struct Bus Progrm I Visual Programming I	3
Advised electives		6
Total Credits		**124**

[1] MAT 222 Differential Equat or 300 or 400 levels only

[2] 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.