

COMPUTATIONAL MATHEMATICS, MINOR

Specific Program Requirements

Course	Title	Credits
Required Courses		
MATH 126	Calculus & Analytic Geometry I (GT-MA1)	5
MATH 207	Matrix and Vector Algebra with Applications	3
MATH 224	Calculus and Analytic Geometry II	5
MATH 307	Introduction to Linear Algebra	3-4
or MATH 342	Introduction to Numerical Analysis	
MATH 320	Introductory Discrete Mathematics	3
MATH 345	Algorithms & Data Structures	4
Total Credits		23-24

Requirements for the Computational Mathematics Minor Specific to Math Majors

Math majors, in lieu of the first 13 hours above are required to take:

Course	Title	Credits
Select an approved programming elective		3
CIS 171	Introduction to Java Programming	4
MATH 242	Introduction to Computation	4
Total Credits		11