I.  CORE CURRICULUM .................................................................................................................................................... 44
    Math 1110 will meet the math requirement.

II.  MAJOR REQUIREMENTS ........................................................................................................................................ 65-66
    2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II.
    A.  Mathematics Common Core (14-15 hours)
        MAT 1110 _____ (4) Calculus with Analytic Geometry I (ND)
        MAT 1120 _____ (4) Calculus with Analytic Geometry II (ND)
        MAT 2240 _____ (3) Introduction to Linear Algebra (C)
        Choose one:
        MAT 2110 _____ (3) Techniques of Proof (W)
        MAT 2510 _____ (4) Sophomore Honors Thesis
    B.  General Mathematics Computation Concentration (28 hours)
        MAT 2310 _____ (3) Computational Mathematics (C)
        MAT 4310 _____ (3) Numerical Methods (ND, C)
        STT 3850 _____ (4) Statistical Data Analysis I (ND, C)
        Choose one:
        MAT 3110 _____ (3) Introduction to Modern Algebra (W)
        MAT 3220 _____ (3) Intro to Real Analysis I (W)
        15 hours of approved electives** in mathematical sciences (at least 3 hours at the 4000 level)
    C.  A Computational Concentration (14 hours)
        C S 1440 _____ (4) Computer Science I (C)
        C S 2440 _____ (4) Computer Science II (C)
        C S 3430 _____ (3) Introduction to Database Systems (C)
        C S 3460 _____ (3) Data Structures (C)
    D.  Electives: 9 hours** of Approved courses in the sciences, which may include computer science

**Must be approved by advisory committee.

III.  MINOR (optional)

IV. ELECTIVES (taken to total 122 hours for the degree) ........................................................................................... 12-13
    2 semester hours of free electives must be outside the major discipline.