## **MATHEMATICS MAJOR**

## DOMAIN GENERAL EDUCATION (10 Courses Required): Domain II A is satisfied through completion of the Mathematics major, **General Concentration (6):** leaving ten courses to be completed to satisfy the remaining General **Concentration Core (1):** Education subdomains through courses taken outside the major department. Only courses designated (Gen. Ed. Domain) after the **MATH 427** Real Analysis course title will meet General Education requirements. Please refer to the catalog for complete information. Five (5) Mathematics or Statistics electives from the following (5): **MATH 222** Differential Equations Common Core: A. ENWR 110 Composition 2 Any MATH or STAT course at 300-level or above B. MATH XXX (credit-bearing) Domain I: A. Creative Arts B. Humanities C. Language **SEVEN (7) FREE ELECTIVES:** X Domain II: A. Analysis, Modeling, Problem-Solving B. Sciences (two; one must be a lab science) A. Perspectives on the Past Domain III: B. Perspectives on Contemp. World C. Global Comp., Eth. Reas., Hum Div. **MAJOR AND RELATED COURSES: Major Core Required Courses (8):** Discrete Math I **MATH 206 MATH 219** Calculus I

**MATH 220** 

MATH 221 MATH 226

**MATH 319** 

STAT 157

CSCI XXX

Calculus III

Abstract Algebra I

Probability and Statistics

Linear Algebra and Applications

One Computer Science course

(possible Domain Gen. Ed. course)