Math Major Core Prerequisite Flow Chart

- **MATH 122A (F/S/Sum)**
  - Fns for Calculus

- **MATH 122B (F/S/Sum)**
  - 1st Sem Calculus

- **MATH 129 (F/S/Sum)**
  - Calculus II

- **MATH 223 (F/S/Sum)**
  - Vector Calculus

- **MATH 313 (F/S/Sum)**
  - Intro to Linear Alg

- **CSC 110/CSC 250/ISTA 130**
  - Programming (offerings vary)

- **MATH 323 (F/S/Sum)**
  - Formal Math Reasoning/ Writing

- **MATH 396L (F/S/Sum)**
  - Proofs Workshop

- **MATH 355 (F/S)**
  - Anal Ord Diff Eqns

- **MATH 243, 315, CSC 245, or MATH 313**
  - Repeat (required if 313 grade is D)

- **MATH 363 grade = C or better**

- **MATH 243, 315, CSC 245, or MATH 313**
  - Repeat (required if 313 grade is D)

- **313 grade = C or better**

- **AND**

- **MATH 323 (F/S/Sum)**
  - Formal Math Reasoning/ Writing

- **MATH 396L (F/S/Sum)**
  - Proofs Workshop

- **MATH 355 (F/S)**
  - Anal Ord Diff Eqns

- **400-level courses**
  - (see flow chart for specific emphasis)

**Legend:**

- **= Required for Math major**
- **= Required if a D is earned in MATH 313, as preparation for 323**
- **= Required to be taken concurrently with MATH 323 if a C or lower was earned in 313**
- **= C or better required in prerequisite**